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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$269**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - cuxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 1, 2017 contains applications open to public inspection from July 16, 2017 to July 22, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 1 août 2017 contient les demandes disponibles au public pour consultation pour la période du 16 juillet 2017 au 22 juillet 2017.

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[54] **APPLICATEUR PULVERISATEUR**
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[54] **PROCEDE DE LUTTE CONTRE LES PARASITES DES ANIMAUX**
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[72] XU, MING, US
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[54] **PROCEDE ET APPAREIL POUR FABRIQUER DES DALLES AVEC UN EFFET MARBRE**
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[54] **ACTIONNEUR DE BARRIERE MOBILE A VITESSE VARIABLE ET METHODE**
[72] DANIEL-WAYMAN, ROBERT, US
[72] BUTLER, BRIAN F., US
[72] EVANS, PATRICK B., US
[73] THE CHAMBERLAIN GROUP, INC., US
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[54] **SYSTEME D'ENTREPOSAGE INTEGRE AVEC CONTENANTS VERROUILLABLES**
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[54] **DISPOSITIF ET PROCEDE DE REDUCTION DE POIDS**
[72] BOBILLIER, ERIC, FR
[72] MALBERT, CHARLES-HENRI, FR
[72] BIRABEN, ARNAUD, FR
[72] VAL-LAILLET, DAVID, FR
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[54] **SYSTEME ET METHODE DE MAINTIEN DYNAMIQUE DE LA STABILITE D'UN VEHICULE DE MANUTENTION PRESENTANT UN DEBATTEMENT VERTICAL**
[72] MCCABE, PAUL PATRICK, US
[72] FINNEGAN, PAUL F., US
[72] BALDINI, AUGUSTUS, US
[72] STORMAN, SHANE, US
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[54] **APPAREIL PERMETTANT D'EMETTRE ET DE RECEVOIR DES SIGNAUX DE RADIOFREQUENCE COMPRENANT UN CIRCUIT POUR LA SUPPRESSION D'INTERFERENCES**
[72] VAN AKEN, ROGIER HERMAN, NL
[72] SCHOUTEN, JAN MARTINUS, NL
[72] LANGERAAR, HUBERT, NL
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[72] EXCELL, DOUGLAS N., US
[73] COMPASS MINERALS AMERICA INC., US
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[54] **APPAREIL D'ASSISTANCE POUR METTRE ET OTER DES BAS**
[72] JOOSTEN, ERIK THEODORUS JOHANNUS, NL
[73] ARION HOLDING B.V., NL
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[54] **SYSTEME ORTHOPEDIQUE POUR IMMOBILISER ET SUPPORTER UNE PARTIE DU CORPS D'UN PATIENT**
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[73] EXOS LLC, US
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[54] **METHOD OF ESTABLISHING PROTECTED ELECTRONIC COMMUNICATION BETWEEN VARIOUS ELECTRONIC DEVICES, ESPECIALLY BETWEEN ELECTRONIC DEVICES OF ELECTRONIC SERVICE PROVIDERS AND ELECTRONIC DEVICES OF USERS OF ELECTRONIC SERVICE**
[54] **PROCEDE D'ETABLISSEMENT DE COMMUNICATION ELECTRONIQUE PROTEGEE ENTRE DIVERS DISPOSITIFS ELECTRONIQUES, EN PARTICULIER ENTRE DES DISPOSITIFS ELECTRONIQUES DE FOURNISSEURS DE SERVICE ELECTRONIQUE ET DES DISPOSITIFS ELECTRONIQUES D'UTILISATEURS DE SERVICE ELECTRONIQUE**
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[73] ADUCID S.R.O., CZ
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[72] LAUS, REINER, US
[72] MANDL, STEFANIE, US
[72] ROUNTREE, RYAN BLAIR, US
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[73] LEPRINO FOODS COMPANY, US
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[54] **PANNEAU STRUCTURAL DE REVETEMENT DE SOL ET STRUCTURE DE PLANCHER LA COMPORTANT**
[72] TARABA, JEFFREY M., CA
[72] TARABA, EMIL M., CA
[73] THERMAPAN INDUSTRIES INC., CA
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[54] **SYSTEME ET PROCEDE DE MAGNARETRACTION**
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[73] ATTRACTIVE SURGICAL, LLC, US
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[72] KONIDITSIOTIS, CHRIS, AU
[72] EDWARDS, BRIAN, AU
[72] TAYLOR, GRAHAM, AU
[72] LIPPIATT, GREG, AU
[73] TRANSPORT CERTIFICATION AUSTRALIA LIMITED, AU
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[73] MOFFETT RESEARCH & DEVELOPMENT LIMITED, IE
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[72] STOREY, JAMES MICHAEL, US
[72] AVAGLIANO, AARON JOHN, US
[72] WANG, GUOQING, US
[72] MANDRUSIAK, GARY DWAYNE, US
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[72] TIWARI, PRASHANT, US
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[72] CORRY, JUDETH BRANNON, US
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[54] **SYSTEME ET PROCEDE POUR FABRIQUER DES GABARITS D'ARTHROPLASTIE**
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[54] **TRANSMISSIONS AUTOMATIQUES ET PROCEDES CORRESPONDANTS**
[72] VASILIOTIS, CHRISTOPHER M., US
[72] ROGERS, DAVID L., US
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[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
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[54] **PROTECTED ALDEHYDES FOR USE AS INTERMEDIATES IN CHEMICAL SYNTHESES, AND PROCESSES FOR THEIR PREPARATION**
[54] **ALDEHYDES PROTEGES POUR UNE UTILISATION COMME INTERMEDIAIRES POUR DES SYNTHESES CHIMIQUES, ET PROCEDES POUR LEUR PREPARATION**
[72] MCGOWAN, GRAHAM, CA
[72] GORIN, BORIS, CA
[72] GOODBRAND, BRUCE, CA
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[54] **COMPOSITION ET PROCEDES POUR UTILISATION DANS UN TRAITEMENT ANTI-VIH**
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[72] BOURGEOIS, PATRICE, FR
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[54] **MATERIAUX DE CONSTRUCTION A EMISSIONS DE CARBONE PROCHES DE ZERO**
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[72] HENCH, LARRY L., US
[72] KRISHNA MOORTHY, SURESH BABU, US
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[54] **DISPOSITIF ET PROCEDES NOVATEURS DE MISE A FEU DE PERFORATEURS**
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[72] ANDRICH, LYLE W., US
[72] LAGRANGE, TIMOTHY EDWARD, US
[73] OWEN OIL TOOLS LP, US
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[54] **PROCEDE ET DISPOSITIF DE PILOTAGE LATERAL D'UN AERONEF ROULANT AU SOL**
[72] CHATRENET, DOMINIQUE, FR
[72] VILLAUME, FABRICE, FR
[72] BOURISSOU, CELINE, FR
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[73] CUTSFORTH PRODUCTS, INC., US
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[54] **COMPOSITIONS DE POLYMERE SENSIBLES AUX STIMULI, A POSITIONNEMENT AUTONOME, DANS DES ADDITIFS POUR LE SOL ET PROCEDES D'UTILISATION**
[72] CHEN, ZHIYUN, US
[72] CASTAING, JEAN-CHRISTOPHE, US
[72] LABEAU, MARIE-PIERRE, US
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[54] **ADDITIF ANTIMICROBIEN POUR UNE UTILISATION DANS L'EAU D'UN VASE A FLEURS**
[72] JANSSEN, JOHANNES ANTONIUS MARIE, NL
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[54] **PREPARATION ET DISPOSITIF DE DISTRIBUTION DE REACTIF ET PROCEDES ASSOCIES**
[72] PEARCY, TIMOTHY, US
[72] SKAKOON, JAMES G., US
[73] BIOLYPH, LLC, US
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[54] **NOUVEAU PROCEDE D'ISOLEMENT DE TRICHINELLA OU AUTRES PARASITES DANS DES TISSUS ORGANIQUES**
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[73] ARCOS DIE HAARPROFIS HANDELS GMBH, DE
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[54] **SYSTEMS AND METHODS FOR MANAGING INTERACTION WITH CONTROLLABLE LIGHTING NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR GERER LES INTERACTIONS AVEC DES RESEAUX D'ECLAIRAGE REGLABLES**
[72] LOVELAND, DAMIEN GERARD, US
[72] VERMEULEN, AREND JAN WILHELMUS ABRAHAM, US
[72] ASHDOWN, IAN EDWARD, US
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[54] **PROCEDE, SYSTEME ET APPAREIL POUR FOURNIR DES SERVICES DE GESTION D'AUTOMATISATION**
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[73] SIEMENS CORPORATION, US
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[73] OPSONA THERAPEUTICS LIMITED, IE
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[72] JIMENEZ, TEODORO S., US
[72] LEE, WALTER, US
[72] DEHDASHTIAN, MARK, US
[72] YEE, KRISTOPHER, US
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[54] **LIANT POUR LA CONFECTION DE MARQUAGE ROUTIER POUVANT ETRE RENDU RAPIDEMENT A LA CIRCULATION**
[72] NEUGEBAUER, PETER, DE
[72] HEEB, HEIKE, DE
[72] KIZEWSKI, INGRID, DE
[73] EVONIK ROEHM GMBH, DE
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[72] DIEMLING, ANTON, AT
[72] HUBMANN, MARKUS, AT
[72] SCHOBEGGER, GERALD, AT
[72] DROBESCH, KARL, AT
[72] KUETER, CHRISTIAN, AT
[72] MADRITSCH, CHRISTIAN, AT
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[72] HOBENSHIELD, LANE C., US
[72] CASEY, STEVEN M., US
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[72] BABCOCK, FORREST, US
[73] KRUGER OPTICAL, INC., US
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[54] **INSULATOR FOR RAILWAY RAIL FASTENING CLIP AND RAILWAY RAIL FASTENING CLIP FOR USE THEREWITH**
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[72] GARDNER, CHRISTOPHER, GB
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[54] **SYSTEMES ET PROCEDES DE CONTROLE DE PUITS**
[72] DRIA, DENNIS EDWARD, US
[72] PEARCE, JEREMIAH GLEN, US
[72] RAMBOW, FREDERICK HENRY, US
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[72] MULLINS, ALBERT AUGUSTUS, US
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[54] **ENSEMBLE LAMPE**
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[72] PELKA, DAVID G., US
[73] SEOUL SEMICONDUCTOR COMPANY, LTD., KR
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[72] DEILMANN, MICHAEL, DE
[72] GERDING, MICHAEL, DE
[73] KROHNE MESSTECHNIK GMBH, DE
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[73] AB INITIO TECHNOLOGY LLC, US
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[54] **PROCEDE ET SYSTEME D'ANALYSE DE CONCENTRATIONS DE DIVERSES ESPECES DE MERCURE DANS UN SUPPORT FLUIDIQUE**
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[54] **SYSTEME ET PROCEDE DE SELECTION DE DISPOSITIFS POUR COMMUNIQUER AVEC UN NOEUD DANS UN RESEAU DE COMMUNICATION**
[72] EATON, ERIC THOMAS, US
[72] SIBECAS, SALVADOR, US
[72] SHAH, VIRAL RAJNIBHAI, US
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[72] DAFFONCHIO, LUISA, IT
[72] ALLEGRETTI, MARCELLO, IT
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[54] **ANTICORPS ANTI-CLUSTERINE ET FRAGMENTS DE LIAISON DE L'ANTIGENE ET LEUR UTILISATION DANS LA REDUCTION DU VOLUME D'UNE TUMEUR**
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[72] SULEA, TRAIAN, CA
[72] TREMBLAY, GILLES BERNARD, CA
[73] ALETHIA BIOTHERAPEUTICS INC., CA
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[54] **DISPOSITIF ET PROCEDE POUR FABRIQUER DU VERRE DE SECURITE FEUILLETE**
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[73] FOTOVERBUNDGLAS MARL GMBH, DE
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[72] VELTKAMP, WESSEL BART, NL
[73] LEVEL HOLDING B.V., NL
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[54] **METHODES POUR TRAITER LA COAGULATION INTRAVASCULAIRE DISSEMINEE PAR INHIBITION DE L'ACTIVATION DU COMPLEMENT DEPENDANTE DE MASP-2**
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[72] DUDLER, THOMAS A., US
[72] TEDFORD, CLARK E., US
[72] PARENT, JAMES B., US
[72] DEMOPULOS, GREGORY A., US
[73] OMEROS CORPORATION, US
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[54] **PROTEINES D'UBIQUITINE MODIFIEE POSSEDANT UNE ACTIVITE DE LIAISON SPECIFIQUE POUR L'EXTRADOMAINE B DE LA FIBRONECTINE**
[72] STEUERNAGEL, ARND, DE
[72] FIEDLER, ERIK, DE
[72] FIEDLER, MARKUS, DE
[72] KUNERT, ANJA, DE
[72] NERKAMP, JOERG, DE
[72] GOETTLER, THOMAS, DE
[72] GLOSER, MANJA, DE
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[54] **PROCEDE DE DETECTION D'UN ENDOMMAGEMENT D'AU MOINS UN ROULEMENT DE PALIER D'UN MOTEUR**
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[54] **APPLICATEUR POUR APPLIQUER UNE SUBSTANCE RADIOACTIVE SUR UN TISSU BIOLOGIQUE**
[72] CIPRIANI, CESIDIO, IT
[72] DESANTIS, MARIA, IT
[72] BICHLMAIER, MAX, DE
[72] FOERG, SIEGFRIED, DE
[72] TUOMO, NIKULA, DE
[72] HARFENSTELLER, MARK, DE
[72] BUCK, OLIVER, DE
[73] ONCOBETA INTERNATIONAL GMBH, DE
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[54] **ALGORITHME DE GESTION THERMIQUE POUR SYSTEME DE PHACOEMULSIFICATION**
[72] BASSINGER, KENNETH D., US
[72] BOUKHNY, MIKHAIL, US
[72] MORGAN, MICHAEL D., US
[72] SALEHI, AHMAD, US
[72] TEODORESCU, DAN, US
[73] ALCON RESEARCH, LTD., US
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[54] **IMMUNO-ESSAIS MULTIPLEX POUR HEMOGLOBINE, VARIATIONS D'HEMOGLOBINE ET FORMES GLYCATEES**
[72] WALKER, ROGER, US
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[73] BIO-RAD LABORATORIES, INC., US
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[72] TOLLERON, GUILLAUME, FR
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[54] **PHOSPHATE DE SILICIUM ET MEMBRANE LE COMPRENANT**
[72] IRVINE, JOHN THOMAS SIRR, GB
[72] ATTIDEKOU, PIERROT SASSOU, GB
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[54] **DEACTIVATION-RESISTANT CATALYST FOR SELECTIVE CATALYTIC REDUCTION OF NOX**
[54] **CATALYSEUR RESISTANT A LA DESACTIVATION EN VUE D'UNE REDUCTION CATALYTIQUE SELECTIVE DE NOX**
[72] JENSEN, ANKER DEGN, DK
[72] CASTELLINO, FRANCESCO, DK
[72] RAMS, PER DONSKOV, DK
[72] PEDERSEN, JANNIK BLAABJERG, DK
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[73] HALDOR TOPSOE A/S, DK
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[54] **ULTRASMOOTH AND RECYCLABLE PRINTABLE SHEET AND PROCESS FOR MANUFACTURING SAME**
[54] **FEUILLE IMPRIMABLE ULTRA LISSE ET RECYCLABLE ET SON PROCEDE DE FABRICATION**
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[72] VAU, JEAN-MARIE, FR
[73] ARJO WIGGINS FINE PAPERS LIMITED, GB
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[54] **TRAITEMENT D'UN GAZ RENFERMANT DES HYDROCARBURES**
[72] PIERCE, MICHAEL C., US
[72] WILKINSON, JOHN D., US
[72] HUDSON, HANK M., US
[73] ORTLOFF ENGINEERS, LTD., US
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[54] **STRUCTURE AMELIOREE D'ANTENNE INTEGREE**
[72] BARRATT, CHRISTOPHER, FR
[72] EL HASSANI, CHAKIB, FR
[72] CIAIS, PASCAL, FR
[73] INSIGHT SIP SAS, FR
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[54] **RECOMBINANT PROBIOTIC BACTERIA FOR THE PREVENTION AND TREATMENT OF INFLAMMATORY BOWEL DISEASE (IBD) AND IRRITABLE BOWEL SYNDROME (IBS)**
[54] **BACTERIES PROBIOTIQUES RECOMBINANTES POUR LA PREVENTION ET LE TRAITEMENT DU SYNDROME ABDOMINAL INFLAMMATOIRE (IBD) ET DU SYNDROME DU COLON IRRITABLE (IBS)**
[72] VERGNOLLE, NATHALIE, FR
[72] SALLENAVE, JEAN-MICHEL, FR
[72] LANGELLA, PHILIPPE, FR
[72] BERMUDEZ-HUMARAN, LUIS, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[73] INSTITUT PASTEUR, FR
[73] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
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[54] **COMPOSITION IMMUNOPOTENTIATRICE ET SON PROCEDE DE PRODUCTION**
[72] MITARAI, KAORU, JP
[72] NAGAHAMA, YOJI, JP
[73] MEISHO.CO.,LTD, JP
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[54] **HOT FLUID PRODUCTION DEVICE INCLUDING A CONDENSING HEAT EXCHANGER**
[54] **DISPOSITIF DE PRODUCTION DE FLUIDES CHAUDS COMPRENANT UN ECHANGEUR DE CHALEUR A CONDENSATION**
[72] LE MER, JOSEPH, FR
[72] GIANNONI, ROCCO, IT
[73] GIANNONI FRANCE, FR
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[72] KIYAMA, MICHIHIRO, JP
[73] CREATIVE CO. LTD., JP
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[54] **APPAREIL D'AGRAFAGE POUR REALISER UNE ANASTOMOSE SUR DES ORGANES CREUX**
[72] TZAKIS, ANDREAS G., US
[72] MORELLI, JAMES, US
[72] SADOWSKI, DANIEL, US
[73] ZAKEASE SURGICAL INC., US
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[54] **METHOD OF PRODUCING SUGARS USING A COMBINATION OF ACIDS TO SELECTIVELY HYDROLYZE HEMICELLULOSIC AND CELLULOSIC MATERIALS**
[54] **PROCEDE DE PRODUCTION DE SUCRES A L'AIDE D'UNE COMBINAISON D'ACIDES POUR HYDROLYSER SELECTIVEMENT DES MATERIAUX HEMICELLULOSIQUES ET CELLULOSIQUES**
[72] BINDER, THOMAS P., US
[72] BLOOM, PAUL D., US
[72] DOANE, PERRY H., US
[72] MA, CHICHENG, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[72] SHAW, WALTER A., US
[72] BURGESS, STEPHEN W., US
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[73] BIOMOLECULAR PRODUCTS, INC., US
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[54] **PREPARATIONS A BASE D'ISOCYANURATES SANS PHTALATE**
[72] AUGUSTIN, THOMAS, DE
[72] SANDERS, JOSEF, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[73] LANXESS DEUTSCHLAND GMBH, DE
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[54] **HUMAN MONOCLONAL ANTIBODIES DERIVED FROM HUMAN B CELLS AND HAVING NEUTRALIZING ACTIVITY AGAINST INFLUENZA A VIRUSES**
[54] **ANTICORPS MONOCLONAUX HUMAINS DERIVES DE LYMPHOCYTES B HUMAINS ET AYANT UNE ACTIVITE DE NEUTRALISATION DES VIRUS DE LA GRIPPE A**
[72] SHIN JAE, CHANG, KR
[72] JONG MOOK, KIM, KR
[72] KYE SOOK, YI, KR
[72] HYUN JOO, LEE, KR
[73] CELLTRION, INC., KR
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[73] 1636457 ALBERTA LTD., CA
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[54] **N-[5-(AMINOSULFONYL)-4-METHYL-1,3-THIAZOL-2-YL]-N-METHYL-2-[4-(2-PYRIDINYL)PHENYL]ACETAMIDE MESYLATE MONOHYDRATE**
[54] **N-[5-(AMINOSULFONYLE)-4-METHYLE-1,3-THIAZOL-2-YL]-N-METHYLE-2-[4-(2-PYRIDINE YL)PHENYLE]ACETAMIDE MESYLATE MONOHYDRATE**
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[72] BIRKMANN, ALEXANDER, DE
[72] VOGTLI, KURT, CH
[72] HAAG, DIETER, CH
[72] LENDER, ANDREAS, DE
[72] KEIL, BIRGIT D. L, DE
[72] REHSE, JOACHIM, DE
[72] MASS, STEPHAN, DE
[72] RUEPP, KRISTIAN, DE
[72] PAULUS, KERSTIN, DE
[72] GRUNENBERG, ALFONS, DE
[73] AICURIS GMBH & CO. KG, DE
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[54] **TEMPERATURE-STABLE LIQUID AQUEOUS POLYSACCHARIDE SUSPENSIONS AND USE THEREOF AS THICKENING AGENTS IN CEMENTITIOUS COMPOSITIONS**
[54] **SUSPENSIONS AQUEUSES LIQUIDES DE POLYSACCHARIDE STABLES A LA TEMPERATURE ET LEUR UTILISATION EN TANT QU'AGENT VISCOSANT DANS DES COMPOSITIONS CIMENTAIRES**
[72] FABBRIS, FABER, FR
[72] MEHALEBI, SORAYA, FR
[73] CIMENTS FRANCAIS, FR
[85] 2012-09-05
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[72] GALEWYRICK, SETH, US
[72] WEIMAN, ANDREW, US
[72] COLEMAN, JOHN, US
[73] DIRECT WIRE & CABLE, INC., US
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[54] **METHOD AND APPARATUS FOR CONFIGURATION OF A DEVICE PERSONALITY BASED ON MOBILE DEVICE IDENTITY MODULE**
[54] **PROCEDE ET APPAREIL POUR LA CONFIGURATION DE LA PERSONNALITE D'UN DISPOSITIF SUR LA BASE D'UN MODE D'IDENTITE DE DISPOSITIF MOBILE**
[72] HOSSAIN, ASIF, US
[72] AHMED, FARHAD, CA
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEM, METHOD AND APPARATUS FOR COLLECTING TELEMATICS AND SENSOR INFORMATION IN A DELIVERY VEHICLE**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE RECUEILLIR DES DONNEES EMANANT DE DISPOSITIFS TELEMATIQUES ET DE CAPTEURS DANS UN VEHICULE DE LIVRAISON**
[72] OLSEN, JOHN, US
[72] BRADLEY, DAVID, US
[72] JENKINS, RHESA, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **SYSTEM, METHOD AND APPARATUS FOR CAPTURING TELEMATICS DATA WITH AN ACTIVE RFID TAG**
[54] **SYSTEME, PROCEDE ET APPAREIL DE CAPTURE DE DONNEES TELEMATIQUES A L'AIDE D'UNE ETIQUETTE RFID ACTIVE**
[72] OLSEN, JOHN, US
[72] BRADLEY, DAVID, US
[72] JENKINS, RHESA, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **PAIEMENTS AMELIORES POUR UNE EXPEDITION**
[72] PARAMESWARAN, SATHIYAN, US
[72] BESSERER, BRUCE, US
[72] COSTIDES, NICHOLAS, US
[72] HILBUSH, MARK, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **INSTALLATION WITH OVERHEAD CABLES AND VEHICLES SERVED THEREBY, WITHOUT HANGER**
[54] **INSTALLATION DE CABLES SUSPENDUS ET VEHICULES DESSERVIS PAR DE TELS CABLES, SANS SUPPORT**
[72] CREISSELS, DENIS, FR
[72] RICHARD, JEROME, FR
[73] CREISSELS TECHNOLOGIES, FR
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[54] **LOAD BEARING STRUCTURAL CLOSURE SYSTEM**
[54] **SYSTEME DE FERMETURE STRUCTUREL PORTEUR**
[72] GOLDENBERG, SHAUL, CA
[73] 420820 ONTARIO LIMITED, CA
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[54] **PROCEDES DE GESTION DU CHARBON DANS UN SYSTEME DE PYROLYSE**
[72] PALMAS, PAOLO, US
[72] SECHRIST, PAUL A., US
[72] KULPRATHIPANJA, SID, US
[72] FREY, STANLEY J., US
[72] FREEL, BARRY, US
[72] MYERS, DANIEL N. (DECEASED), US
[73] ENSYN RENEWABLES, INC., US
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[54] **UNITE DE LEVAGE POUR MONTER ET DESCENDRE UN ECHAFAUDAGE**
[72] KEERSMAEKERS, MARC, BE
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[72] COMYN, TIMOTHY, GB
[73] IONIX ADVANCED TECHNOLOGIES LIMITED, GB
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[54] **FLEXIBLE HELICAL STENT HAVING DIFFERENT HELICAL REGIONS**
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[72] BAILLARGEON, BRIAN P., US
[72] MARREY, RAMESH, US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
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[54] **TORON, CABLE DE STRUCTURE ET PROCEDE DE FABRICATION DU TORON**
[72] MELLIER, ERIK, FR
[72] JOYE, STEPHANE, FR
[73] SOLETANCHE FREYSSINET, FR
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[54] **LIVING ROOF AND WALL SYSTEMS USING CULTIVATED MINERAL WOOL MATS TO SUPPORT BLAVES, METHODS OF CULTIVATION AND INNOCULANTS THEREFOR**
[54] **SYSTEMES DE TOITURES ET DE PAROIS VEGETALES UTILISANT DES TAPIS DE LAINE MINERALE CULTIVES POUR SOUTENIR DES BLAVE, PROCEDES DE CULTURE ET INOCULANTS ASSOCIES**
[72] HELLWIG, ROY T., US
[73] ARCHIPHYTE, LLC, US
[85] 2012-08-10
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[25] EN
[54] **REUSABLE INJECTION NEEDLE WITH NEEDLE COVER CONTAINING STERILIZING AND LUBRICATING AGENTS AND GUIDE SYSTEM FOR CONNECTION OF NEEDLE HUB TO DRUG DELIVERY DEVICE**
[54] **AIGUILLE A INJECTION REUTILISABLE POURVUE D'UN ETUI PROTECTEUR POUR L'AIGUILLE QUI CONTIENT DES AGENTS DE STERILISATION ET DE LUBRIFICATION ET UN SYSTEME DE GUIDAGE POUR RACCORDER LE PAVILLON DE L'AIGUILLE A UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] SINGHAL, TARA CHAND, US
[73] SINGHAL, TARA CHAND, US
[85] 2013-03-06
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[54] **LIQUID DISPENSING APPLICATOR WITH BREAKABLE PROJECTION AND RADIAL LOCKING SYSTEM**
[54] **APPLICATEUR DISTRIBUTEUR DE LIQUIDE AVEC PROJECTION CASSABLE ET SYSTEME DE VERROUILLAGE RADIAL**
[72] MARGOOSIAN, RAZMIK, CA
[72] AFARIAN, VIKEN, CA
[73] MARGOOSIAN, RAZMIK, CA
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[54] **PROCESSEUR MICROCANAL**
[72] TONKOVICH, ANNA LEE, US
[72] YUSCHAK, THOMAS, US
[72] JAROSCH, KAI TOD PAUL, US
[72] NEAGLE, PAUL, US
[72] YANG, BIN, US
[72] ARORA, RAVI, US
[72] MARCO, JEFFREY, US
[72] MARCO, JENNIFER, US
[72] YANG, BARRY L., US
[72] MUNDING, ANDREAS, US
[72] KAMPFE, SARA, US
[73] VELOCYS, INC., US
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[54] **SOUPAPE DE COMMANDE**
[72] HELMSEN, FRANK, DE
[72] KIRCHNER, TOBIAS, DE
[73] PROTEGO (USA), INC., US
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[54] **TRAILER FOR LIFTING A HEAVY LOAD AND METHOD FOR LIFTING THE HEAVY LOAD USING THE SAME**
[54] **REMORQUE POUR SOULEVER UNE CHARGE LOURDE ET METHODE POUR SOULEVER LA CHARGE LOURDE A L'AIDE DE CELLE-CI**
[72] HUET, GUILLAUME, CA
[72] LABRIE, STEVE, CA
[73] CARTIER ENERGIE EOLIENNE, CA
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[87] (2817139)
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[54] **BATHING VESSEL HAVING WALL REINFORCEMENT PANEL**
[54] **BAIGNOIRE POURVUE D'UN PANNEAU DE RENFORCEMENT DE PAROI**
[72] GEELS, MICHAEL GLENN, US
[72] BOYD, JEFFREY MCKINLEY, US
[72] KAPELANSKI, SCOTT, US
[73] DELTA FAUCET COMPANY, US
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[25] EN
[54] **MACHINE CONTROL SYSTEM HAVING AUTONOMOUS DUMP QUEUING**
[54] **SYSTEME DE COMMANDE DE MACHINE AVEC MISE EN FILE D'ATTENTE AUTONOME SUR LE SITE DE DECHARGE**
[72] EVERETT, BRYAN J., US
[72] KOEHRSEN, CRAIG L., US
[72] MOUGHLER, ERIC A., US
[72] BANHAM, MARK H., AU
[73] CATERPILLAR INC., US
[85] 2013-05-13
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[25] EN
[54] **ORALLY DISINTEGRATING TABLET**
[54] **COMPRIME A DESINTEGRATION ORALE**
[72] MIMA, YASUSHI, JP
[72] KAWANO, TETSUYA, JP
[72] ISHII, YUMIKO, JP
[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2013-05-30
[86] 2011-12-02 (PCT/JP2011/077978)
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[54] **HEAD PLATE FOR VEHICLE AXLE**
[54] **PLAQUE DE TETE DESTINEE A UN ESSIEU DE VEHICULE**
[72] BUBULKA, JOHN S., US
[72] LUMETTA, SAMMY C., US
[72] DUDDING, ASHLEY T., US
[72] LOVETT, JERRY M., US
[72] SELLBERG, ROBERT P., US
[73] HENDRICKSON USA, L.L.C., US
[85] 2013-05-30
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[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC CONTROL OF TASK ASSIGNMENTS IN A FABRICATION PROCESS**
[54] **SYSTEMES ET PROCEDES POUR LE CONTROLE DYNAMIQUE DES AFFECTATIONS DE TACHES DANS UN PROCEDE DE FABRICATION**
[72] PEDIGO, SAMUEL F., US
[72] SHAH, JULIE A., US
[72] JOHNSON, BRICE A., US
[73] THE BOEING COMPANY, US
[86] (2819940)
[87] (2819940)
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[25] EN
[54] **RELEASE REAGENT FOR VITAMIN D**
[54] **REACTIF DE LIBERATION POUR LA VITAMINE D**
[72] SWINKELS, LEON MARIA JACOBUS WILHELMUS, NL
[72] MAAS, ANTONIUS FRANCISCUS, NL
[72] MARTENS, MICHAEL FRANCISCUS WILHELMUS CORNELIS, NL
[73] FUTURE DIAGNOSTICS B.V., NL
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[54] **OFFLINE GENERATION OF SUBTITLES**
[54] **GENERATION HORS LIGNE DE SOUS-TITRES**
[72] MOUNTAIN, DALE, GB
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-06-21
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[54] **REMEDY FOR MIGRAINE HEADACHE**
[54] **REMEDE POUR MIGRAINE**
[72] KNIGHT, JOSEPH ROBERT, US
[73] MYCRATINE SOLUTIONS, LLC, US
[85] 2013-07-26
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[51] **Int.Cl. E04F 13/22 (2006.01)**
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[54] **HIGH-STRENGTH PARTIALLY COMPRESSED LOW PROFILE VENEER TIE AND ANCHORING SYSTEM UTILIZING THE SAME**
[54] **ATTACHE DE PLACAGE A PROFIL BAS PARTIELLEMENT COMPRIMEE HAUTE RESISTANCE ET SYSTEME D'ANCRAGE UTILISANT CELLE-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2826307)
[87] (2826307)
[22] 2013-09-06
[30] US (13/620,914) 2012-09-15

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[54] **INFILTRATED DIAMOND WEAR RESISTANT BODIES AND TOOLS**
[54] **CORPS ET OUTILS A DIAMANT INFILTRE RESISTANT A L'USURE**
[72] RUPP, MICHAEL D., US
[72] PEARCE, CODY A., US
[72] LAMBERT, CHRISTIAN M., US
[73] LONGYEAR TM, INC., US
[85] 2013-08-07
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[30] US (61/441,189) 2011-02-09
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[51] **Int.Cl. G01F 23/284 (2006.01) A61M 1/16 (2006.01)**
[25] EN
[54] **NON-INVASIVE RADIO FREQUENCY LIQUID LEVEL DETECTION SYSTEM USING PHASE DETECTION**
[54] **SYSTEME DE DETECTION RADIOFREQUENCE NON INVASIVE DU NIVEAU D'UN LIQUIDE, UTILISANT LA DETECTION DE PHASE**
[72] CHEN, YE, US
[72] DING, YUANPANG SAMUEL, US
[72] MULLER, MATTHEW, US
[72] NAJDENI, GERT, US
[72] TITUS, JOEL, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2013-08-23
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[30] US (61/450,452) 2011-03-08
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[51] **Int.Cl. H03K 19/14 (2006.01) H03K 19/20 (2006.01)**
[25] EN
[54] **ALL-OPTICAL NAND/NOT/AND/OR LOGIC GATES BASED ON COMBINED BRILLOUIN GAIN AND LOSS IN AN OPTICAL FIBER**
[54] **PORTES LOGIQUES NON-ET/NON/ET/OU ENTIEREMENT OPTIQUES FONDEES SUR LE GAIN BRILLOUIN COMBINE ET LA PERTE DANS UNE FIBRE OPTIQUE**
[72] WILLIAMS, DAISY, CA
[72] BAO, XIAOYI, CA
[72] CHEN, LIANG, CA
[73] WILLIAMS, DAISY, CA
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[54] **BUILDING BOARD AND METHOD FOR PRODUCING THE SAME**
[54] **PANNEAU LEGER ET PROCEDE POUR SA FABRICATION**
[72] IMAI, TOSHIO, JP
[72] YAMAMOTO, HIROAKI, JP
[73] NICHIHA CORPORATION, JP
[86] (2830055)
[87] (2830055)
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[54] **PROCESS FOR THE REDUCTION OF NITROGEN OXIDES AND SULPHUR OXIDES IN THE EXHAUST GAS FROM INTERNAL COMBUSTION ENGINE**
[54] **PROCESSUS POUR LA REDUCTION D'OXYDES D'AZOTE ET D'OXYDES DE SOUFRE DES GAZ D'ECHAPPEMENT PROVENANT D'UN MOTEUR A COMBUSTION INTERNE**
[72] THOGERSEN, JOAKIM REIMER, DK
[72] TROLLE, HENRIK, DK
[73] HALDOR TOPSOE A/S, DK
[85] 2013-09-16
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[25] EN
[54] **BOOKBINDING BY INSERTING A HELICAL PLASTIC COIL INTO THE ALIGNED HOLES AT THE EDGE OF THE BOOK**
[54] **RELIURE REALISEE EN INSERANT UN SERPENTIN EN PLASTIQUE DANS LES TROUS ALIGNES AU BORD DU LIVRE**
[72] KLASSEN, WALTER D., CA
[72] DESJARLAIS, MATTHEW G., CA
[73] GATEWAY BOOKBINDING SYSTEMS LTD., CA
[86] (2830545)
[87] (2830545)
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[54] **NOVEL FUEL COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **NOUVELLES COMPOSITIONS DE COMBUSTIBLE ET LEURS PROCEDES DE FABRICATION**
[72] STERN, DAVID LAWRENCE, US
[72] DI MAURO, SALVATORE R., US
[72] ROCCARO, ALDO, IT
[72] BESSONETTE, PAUL WILLIAM, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[86] 2012-03-28 (PCT/US2012/030788)
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[30] US (61/468,236) 2011-03-28
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[25] EN
[54] **LOCAL WIRELESS NETWORK REMOTE CONTROL OF ANCILLARY RAILWAY IMPLEMENTS**
[54] **COMMANDE A DISTANCE DE RESEAU SANS FIL LOCAL D'ENGINS DE CHEMIN DE FER CONNEXES**
[72] FOX, DAVID, US
[73] RAILWAY EQUIPMENT COMPANY, INC., US
[86] (2831222)
[87] (2831222)
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[54] **ZERO-MOMENT FITTING**
[54] **RACCORD A MOMENT NUL**
[72] CONCHI, WILLIAM R., JR., US
[73] THE BOEING COMPANY, US
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[22] 2013-10-29
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[54] **METHOD AND SYSTEM FOR LIFTING AND MANIPULATING A LOAD**
[54] **PROCEDE ET SYSTEME DE LEVAGE ET DE MANIPULATION DE CHARGE**
[72] MEYER, WILLIAM, US
[73] FOSTER WHEELER USA CORPORATION, US
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[54] **CATALYST AND METHOD FOR FUELS HYDROCRACKING**
[54] **CATALYSEUR ET PROCEDE PERMETTANT L'HYDROCRAQUAGE DE CARBURANTS**
[72] VANNAUKER, DAVID L., US
[72] DEMMIN, RICHARD A., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **EXPANSION RELIEF HEADER FOR PROTECTING HEAT TRANSFER COILS IN HVAC SYSTEMS**
[54] **COLLECTEUR DE DILATATION THERMIQUE POUR PROTEGER LES SERPENTINS DE TRANSFERT DE CHALEUR DANS LES SYSTEMES CVCA**
[72] COONEY, ROBERT, US
[73] COONEY, ROBERT, US
[86] (2832844)
[87] (2832844)
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[54] **COMPSTATIN ANALOGS WITH IMPROVED ACTIVITY**
[54] **ANALOGUES DE COMPSTATINE A ACTIVITE AMELIOREE**
[72] LAMBRIS, JOHN D., US
[73] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[86] (2833202)
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[54] **INFORMATION ACQUIRING METHOD AND BASE STATION**
[54] **PROCEDE ET STATION DE BASE POUR ACQUISITION D'INFORMATIONS**
[72] GUAN, NA, CN
[72] TIAN, LIN, CN
[72] HUANG, YI, CN
[72] WANG, WEIWEI, CN
[72] ZHOU, HUA, CN
[73] FUJITSU LIMITED, JP
[85] 2013-10-21
[86] 2011-04-19 (PCT/CN2011/072988)
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[51] **Int.Cl. G06F 17/00 (2006.01) B61L 99/00 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **DATA ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DE DONNEES**
[72] AMORIM, AARON, CA
[73] THALES CANADA INC., CA
[85] 2013-11-08
[86] 2012-05-09 (PCT/CA2012/000439)
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[25] EN
[54] **A CRYSTALLINE FORM OF CYCLOSPORINE A, METHODS OF PREPARATION, AND METHODS FOR USE THEREOF**
[54] **FORME CRISTALLINE DE CYCLOSPORINE A, PROCEDES DE PREPARATION ET PROCEDES D'UTILISATION ASSOCIES**
[72] KARAMI, KIOMARS, US
[72] GRAHAM, RICHARD S., US
[72] GORE, ANURADHA V., US
[72] SMITH, SCOTT W., US
[72] WU, KE, US
[73] ALLERGAN, INC., US
[85] 2013-11-20
[86] 2012-05-25 (PCT/US2012/039611)
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[30] US (61/490,887) 2011-05-27

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[13] C
[51] **Int.Cl. B26F 3/02 (2006.01) B65H 35/04 (2006.01) B65H 35/10 (2006.01)**
[25] EN
[54] **CORE PIN BAG DISPENSER**
[54] **DISTRIBUTEUR DE SACHETS A PIVOTS DE NOYAU**
[72] TAN, DANIEL BRIAN, US
[73] TAN, DANIEL BRIAN, US
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[54] **PROCEDE ET APPAREIL DE STRATIFICATION DE COMPOSITES**
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[72] BRANCH, GREGORY L., US
[72] DWYER, JAMES P., US
[72] HOOD, BRIAN E., US
[72] LUND, ERIK, US
[72] MORRIS, WADE M., US
[72] SCHWEDHELM, JONATHAN R., US
[72] STONE, THOMAS C., US
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[54] **TOUR DE DISTRIBUTION DE GRAINES POUR UN SEMOIR PNEUMATIQUE**
[72] HUBALEK, VERNE A., US
[72] RIFFEL, JACOB R., US
[73] GREAT PLAINS MANUFACTURING, INCORPORATED, US
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[54] **METHODS FOR MAKING AJAX WEB APPLICATIONS BOOKMARKABLE AND CRAWLABLE AND DEVICES THEREOF**
[54] **PROCEDES PERMETTANT A DES APPLICATIONS WEB AJAX D'ETRE MISES EN SIGNETS ET D'ETRE PARCOURUES, ET DISPOSITIFS ASSOCIES**
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[72] PEZZANO, SIMONE, IT
[73] USABLENET INC., US
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[54] **ROULEAU POUR FORMER DES ELEMENTS DE TRANSFERT DE CHALEUR D'ECHANGEURS THERMIQUES**
[72] YOWELL, JEFFERY EDWARD, US
[73] ARVOS INC., US
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[54] **VIDEO TRANSCODING SERVICES PROVIDED BY SEARCHING FOR CURRENTLY TRANSCODED VERSIONS OF A REQUESTED FILE BEFORE PERFORMING TRANSCODING**
[54] **SERVICES DE TRANSCODAGE VIDEO FOURNIS AU MOYEN D'UNE RECHERCHE DE VERSIONS TRANSCODEES DU FICHIER DEMANDE AVANT L'EXECUTION DU TRANSCODAGE**
[72] LIU, GANG, CN
[72] WU, YUNSHENG, CN
[72] HUANG, YAN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[54] **METHODS FOR MONITORING AND MODIFYING A FLUID STREAM USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES PERMETTANT DE SURVEILLER ET DE MODIFIER UN FLUX DE FLUIDE A L'AIDE DE DISPOSITIFS OPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] YEAGER, VALERIE J., US
[72] WESTON, MELISSA C., US
[72] FONTENELLE, LUCAS K., US
[72] LOVELESS, DAVID M., US
[72] HAGGSTROM, JOHANNA, US
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[54] **ENSEMBLE POUVANT ETRE DIRIGE ROTATIF INHIBANT UN TOURBILLONNEMENT DANS LE SENS INVERSE DES AIGUILLES D'UNE MONTRE PENDANT UN FORAGE DIRECTIONNEL**
[72] LARRONDE, MICHAEL L., US
[72] STROUD, DARYL, GB
[72] JOHNSON, JEFF, US
[72] SPENCER, MIKE, US
[73] PRECISION ENERGY SERVICES, INC., US
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[54] **SYSTEMES D'ANCRAGE A SECURITE INTEGREE POUR MURS CREUX**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2846189)
[87] (2846189)
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[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, AND IMAGE DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE DECODAGE D'IMAGE**
[72] CHUJOH, TAKESHI, JP
[72] YAMAKAGE, TOMOO, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[54] **FORMING INCLUSIONS IN SELECTED AZIMUTHAL ORIENTATIONS FROM A CASING SECTION**
[54] **FORMATION D'INCLUSIONS DANS DES ORIENTATIONS AZIMUTALES CHOISIES DEPUIS UNE SECTION DE TUBAGE**
[72] CAVENDER, TRAVIS W., US
[72] PIPKIN, ROBERT L., US
[72] HUNTER, TIMOTHY, US
[72] SCHULTZ, ROGER L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INJECTION D'UN AGENT TENSIO-ACTIF AMELIORE PAR POLYMERE POUR DES CARBONATES PERMEABLES**
[72] HAN, MING, SA
[72] AL-YOUSEF, ALI ABDALLAH, SA
[72] FUSENI, ALHASAN, SA
[72] AL-SALEH, SALAH HAMAD, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **CHANFREIN DE DEVIATION DE BILLE**
[72] PUTNEY, GORDON A., US
[73] SNAP-ON INCORPORATED, US
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[54] **VITROCERAMIQUE ET VERRE EN SILICATE DE LITHIUM, AYANT UN OXYDE METALLIQUE TETRAVALENT**
[72] RITZBERGER, CHRISTIAN, CH
[72] APEL, ELKE, CH
[72] HOLAND, WOLFRAM, LI
[72] RHEINBERGER, VOLKER, LI
[73] IVOCLAR VIVADENT AG, LI
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[54] **RECUPERATION D'HYDROCARBURES FACILITEE PAR UNE COMBUSTION IN SITU**
[72] CANAS, CHRISTIAN, CA
[72] GITTINS, SIMON, CA
[72] GUPTA, SUBODH, CA
[72] SOOD, ARUN, CA
[72] WU, XINJIE, CA
[73] CENOVUS ENERGY INC., CA
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[25] EN
[54] **APPARATUS AND METHOD FOR MOVING A STRUCTURE IN A MANUFACTURING ENVIRONMENT**
[54] **APPAREIL ET METHODE DE DEPLACEMENT D'UNE STRUCTURE DANS UN ENVIRONNEMENT DE FABRICATION**
[72] REID, ERIC, US
[72] BUTTRICK, JAMES N., US
[72] BEST, STEVEN, US
[72] MCDONAGH, DANIEL M., US
[73] THE BOEING COMPANY, US
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[54] **PROCESSUS POUR TOMOGRAPHIE A COHERENCE OPTIQUE (OCT) ET APPAREIL POUR TOMOGRAPHIE A COHERENCE OPTIQUE**
[72] MASSOW, OLE, DE
[72] WISWEH, HENNING, DE
[72] JEGLORZ, TOBIAS, DE
[73] WAVELIGHT GMBH, DE
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[54] **LOW ALLOY STEEL**
[54] **ACIER FAIBLEMENT ALLIE**
[72] HIRATA, HIROYUKI, JP
[72] KOBAYASHI, KENJI, JP
[72] OMURA, TOMOHIKO, JP
[72] KAWANO, KAORI, JP
[72] TOMATSU, KOTA, JP
[72] OGAWA, KAZUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **METHODS OF DETECTION OF SOFTWARE EXPLOITATION**
[54] **METHODE DE DETECTION D'EXPLOITATION DE LOGICIEL**
[72] HLAVATY, PETER, SK
[72] KOSINAR, PETER, SK
[72] PAWEL, MIRSKI, PL
[73] ESET, SPOL. S R.O., SK
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[54] **EXPANSION JOINT COMPRISING A HYBRID POLYUREA-POLYURETHANE HEADER COMPOSITION**
[54] **COMPOSITION DE STRUCTURE EN POLYUREE-POLYURETHANE HYBRIDE**
[72] CAMPBELL, DALE, US
[72] APICELLA, FRANK V., JR., US
[72] WERNTHALER, KONRAD, US
[72] MOORE, GARY, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[51] **Int.Cl. H04N 13/02 (2006.01)**
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[54] **METHOD OF 3D RECONSTRUCTION OF A SCENE CALLING UPON ASYNCHRONOUS SENSORS**
[54] **PROCEDE DE RECONSTRUCTION 3D D'UNE SCENE FAISANT APPEL A DES CAPTEURS ASYNCHRONES**
[72] BENOSMAN, RYAD, FR
[72] CARNEIRO, JOAO, FR
[72] IENG, SIO-HOI, FR
[73] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PROTEINES DE FUSION COLLECTINES DE LA SUPERFAMILLE DES TNF**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BRANSCHADEL, MARCUS, DE
[73] APOGENIX AG, DE
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[87] (2860950)
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[54] **HEADLAMP ASSEMBLY WITH PLANAR HEAT SINK STRUCTURE**
[54] **ENSEMBLE DE PHARE A STRUCTURE DE DISSIPATEUR CHALEUR PLANE**
[72] MARLEY, MICHAEL, US
[72] KOLSTEE, TODD, US
[72] SMITH, RYAN, US
[72] DIPENTI, TIMOTHY, US
[73] TRUCK-LITE CO., LLC, US
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[30] US (13/024,320) 2011-02-09

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[54] **DISPOSITIF DE PURIFICATION DE FUMEES**
[72] ZIEMANN-NOTHE, ANNETTE, DE
[72] PELKMANN, AAT, DE
[73] DOOSAN LENTJES GMBH, DE
[85] 2014-08-06
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[25] EN
[54] **INSULATED WIRE HAVING A LAYER CONTAINING BUBBLES, ELECTRICAL EQUIPMENT, AND METHOD OF PRODUCING INSULATED WIRE HAVING A LAYER CONTAINING BUBBLES**
[54] **FIL ELECTRIQUE ISOLE AYANT UNE COUCHE DE BULLE EN SON SEIN, DISPOSITIF ELECTRIQUE, ET PROCEDE DE FABRICATION DE FIL ELECTRIQUE ISOLE AYANT UNE COUCHE DE BULLE EN SON SEIN**
[72] OYA, MAKOTO, JP
[72] MUTO, DAISUKE, JP
[72] ONODERA, MAKOTO, JP
[72] TOMIZAWA, KEIICHI, JP
[73] FURUKAWA ELECTRIC CO., LTD., JP
[73] FURUKAWA MAGNET WIRE CO., LTD., JP
[85] 2014-08-07
[86] 2013-03-06 (PCT/JP2013/056169)
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[54] **COMPOSITIONS DECORATIVES METALLIQUES SECHANT SOUS UV**
[72] LIN, ANSHYANG ALBERT, US
[73] ACTEGA NORTH AMERICA INC., US
[85] 2014-08-07
[86] 2013-01-23 (PCT/US2013/022714)
[87] (WO2013/119387)
[30] US (61/595,859) 2012-02-07

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[13] C
[51] **Int.Cl. F23N 1/00 (2006.01)**
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[54] **GAS VALVE, AND ASSEMBLY METHOD FOR A GAS VALVE**
[54] **SOUPAPE DE GAZ, PROCEDE D'ASSEMBLAGE D'UNE SOUPAPE DE GAZ**
[72] QUEREJETA ANDUEZA, FELIX, FR
[72] MUGICA ODRIOZOLA, JOSE IGNACIO, ES
[73] COPRECITEC, S.L., ES
[85] 2014-08-18
[86] 2013-02-27 (PCT/EP2013/053912)
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[30] EP (12382069.8) 2012-02-28

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[51] **Int.Cl. C22B 11/00 (2006.01) B01J 20/20 (2006.01) B01J 20/34 (2006.01) C22B 3/24 (2006.01)**
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[54] **METHOD OF RECOVERING GOLD ADSORBED ON ACTIVATED CARBON AND METHOD OF MANUFACTURING GOLD USING THE SAME**
[54] **PROCEDE DE RECUPERATION D'OR ADSORBE SUR DU CHARBON ACTIVE ET PROCEDE DE FABRICATION D'OR AU MOYEN DE CELUI-CI**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] ONO, EIKI, JP
[72] SANO, MASAKI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2014-08-27
[86] 2013-01-30 (PCT/JP2013/052101)
[87] (WO2013/129017)
[30] JP (2012-045577) 2012-03-01
[30] JP (PCT/JP2012/079855) 2012-11-16

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[13] C
[51] **Int.Cl. G01N 33/26 (2006.01) G01N 21/17 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHARACTERIZING CRUDE OIL FRACTIONS**
[54] **SYSTEME ET PROCEDE POUR CARACTERISER DES FRACTIONS DE PETROLE BRUT**
[72] KHARRAT, ABDEL M., CA
[72] MOSTOWFI, FARSHID, CA
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-08-28
[86] 2013-03-01 (PCT/US2013/028523)
[87] (WO2013/130932)
[30] US (61/605,348) 2012-03-01

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[13] C
[51] **Int.Cl. G01N 21/31 (2006.01) G01J 3/02 (2006.01) G06E 3/00 (2006.01)**
[25] EN
[54] **DEVICES FOR OPTICALLY DETERMINING A CHARACTERISTIC OF A SUBSTANCE**
[54] **DISPOSITIFS DE DETERMINATION OPTIQUE D'UNE CARACTERISTIQUE D'UNE SUBSTANCE**
[72] FREESE, ROBERT, US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] PERKINS, DAVID, US
[72] SIMCOCK, MICHAEL, US
[72] SOLTMANN, WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-08-25
[86] 2013-03-27 (PCT/US2013/033975)
[87] (WO2013/162809)
[30] US (13/456,283) 2012-04-26

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[13] C
[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/142 (2006.01)**
[25] EN
[54] **OCCLUSION DETECTION METHOD**
[54] **PROCEDE DE DETECTION D'OCCLUSION**
[72] DENIS, SCOTT A., US
[72] WILLIAMS, SILKE, US
[73] ZEVEX, INC., US
[85] 2014-08-28
[86] 2013-03-07 (PCT/US2013/029475)
[87] (WO2013/134448)
[30] US (13/416,302) 2012-03-09

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[13] C
[51] **Int.Cl. F16B 21/07 (2006.01)**
[25] FR
[54] **CLAMP FOR FASTENING A PANEL TO A HOLDER AND RESULTING ASSEMBLY**
[54] **AGRAFE DE FIXATION D'UN PANNEAU SUR UN SUPPORT ET ASSEMBLAGE OBTENU**
[72] CAMUS, PASCAL, FR
[73] A. RAYMOND ET CIE, FR
[85] 2014-09-04
[86] 2013-11-28 (PCT/FR2013/052893)
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[30] FR (1350204) 2013-01-10

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[25] EN
[54] **DEVICES FOR OPTICALLY DETERMINING A CHARACTERISTIC OF A SUBSTANCE**
[54] **DISPOSITIFS DE DETERMINATION OPTIQUE D'UNE CARACTERISTIQUE D'UNE SUBSTANCE**
[72] FREESE, ROBERT, US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] PERKINS, DAVID, US
[72] SIMCOCK, MICHAEL, US
[72] SOLTMANN, WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **QUICK CHANGE BATTERY ARRANGEMENT FOR MOTORIZED SHADE**
[54] **SYSTEME DE BATTERIE A CHANGEMENT RAPIDE POUR STORE MOTORISE**
[72] MULLET, WILLIS JAY, US
[72] HAND, RICHARD SCOTT, US
[72] BRUNK, DARRIN W., US
[73] THE WATT STOPPER, INC., US
[85] 2014-09-16
[86] 2013-03-28 (PCT/US2013/034207)
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[51] **Int.Cl. G06Q 20/24 (2012.01) G06Q 20/40 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **PRE-ALLOCATING MERCHANT ID IN A CREDIT CARD PROCESSOR ENTITY SYSTEM BY A MASTER MERCHANT**
[54] **PREALLOCATION D'UN IDENTIFICATEUR (ID) DE COMMERCANT DANS UN SYSTEME D'ENTITE DE PROCESSEUR DE CARTE DE CREDIT PAR UN COMMERCANT MAITRE**
[72] FASOLI, JONATHAN DAVID, US
[72] BATH, JUGDIP SINGH, US
[72] ROKHLINE, MAKSIM, US
[72] LETTERI, ALLYSON LIPPERT, US
[72] BLUM, SCOTT ALAN, US
[72] PAI, YOGISH, US
[73] INTUIT INC., US
[85] 2014-09-30
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[25] EN
[54] **IMPROVED INTERSYSTEM CHANGE BETWEEN DIFFERENT RADIO ACCESS NETWORKS**
[54] **CHANGEMENT INTER-SYSTEME AMELIORE ENTRE DIFFERENTS RESEAUX D'ACCES RADIO**
[72] IANEV, ISKREN, GB
[72] LAIR, YANNICK, GB
[72] GOTOU, KOUHEI, JP
[73] NEC CORPORATION, JP
[85] 2014-09-29
[86] 2013-03-15 (PCT/JP2013/058886)
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[25] EN
[54] **PROCESS FOR THE DIRECT SYNTHESIS OF CU-SAPO-34**
[54] **PROCEDE POUR LA SYNTHESE DIRECTE DE CU-SAPO-34**
[72] FRANCO, RAQUEL MARTINEZ, ES
[72] MARIN, MANUEL MOLINER, ES
[72] CANOS, AVELINO CORMA, ES
[72] KUSTOV, ARKADY, DK
[72] THOGERSEN, JOAKIM REIMER, DK
[73] HALDOR TOPSOE A/S, DK
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[25] EN
[54] **LACTATE-BASED OILY FORMULATION OF FULVESTRANT OR DERIVATIVE THEREOF AND METHOD FOR PRODUCING THE SAME**
[54] **PREPARATION HUILEUSE DE FULVESTRANT OU D'UN DERIVE DE FULVESTRANT A BASE DE LACTATE ET SON PROCEDE DE PREPARATION**
[72] LU, WUDANG, CN
[72] YU, WEIPING, CN
[72] CHEN, TAO, CN
[72] CAI, RUI, CN
[73] XI'AN LIBANG PHARMACEUTICAL CO., LTD, CN
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[25] EN
[54] **SECURE AUTHENTICATION IN A MULTI-PARTY SYSTEM**
[54] **AUTHENTIFICATION SECURISEE DANS UN SYSTEME MULTI-PARTIE**
[72] NEUMAN, MICHAEL, US
[72] NEUMAN, DIANA, US
[73] EARLY WARNING SERVICES, LLC, US
[85] 2014-08-29
[86] 2013-03-28 (PCT/US2013/034221)
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[25] EN
[54] **FLEXIBLE CONTAINERS**
[54] **RECIPIENTS FLEXIBLES**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-05
[86] 2013-05-07 (PCT/US2013/039800)
[87] (WO2013/169681)
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[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
[30] US (61/680,045) 2012-08-06
[30] US (61/727,961) 2012-11-19
[30] US (61/780,039) 2013-03-13
[30] US (61/782,219) 2013-03-14
[30] US (61/782,951) 2013-03-14
[30] US (61/782,859) 2013-03-14
[30] US (61/782,757) 2013-03-14
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[51] **Int.Cl. H04M 3/54 (2006.01) H04W 40/36 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVISION OF A SECOND LINE SERVICE TO A TELECOMMUNICATIONS DEVICE**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN SERVICE DE SECONDE LIGNE A UN DISPOSITIF DE TELECOMMUNICATIONS**
[72] GONZALEZ, JULIO, US
[72] LOWMAN, PHILIP, US
[72] BACKHAUS, GEORGE, US
[72] GANDHI, JINGNESH, US
[72] GREEN, JOHN, US
[72] RUBENSTEIN, PAUL, US
[72] SPEANBURG, MIKE, US
[73] MOVIUS INTERACTIVE CORPORATION, US
[85] 2014-11-07
[86] 2013-06-17 (PCT/US2013/046156)
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[51] **Int.Cl. B65D 81/32 (2006.01) B65D 75/00 (2006.01) B65D 75/52 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **FLEXIBLE CONTAINERS WITH MULTIPLE PRODUCT VOLUMES**
[54] **RECIPIENTS FLEXIBLES DOTES DE VOLUMES DE PRODUITS MULTIPLES**
[72] STANLEY, SCOTT KENDYL, US
[72] MCGUIRE, KENNETH STEPHEN, US
[72] BERG, CHARLES JOHN, JR., US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-05
[86] 2013-05-07 (PCT/US2013/039807)
[87] (WO2013/169686)
[30] US (61/643,813) 2012-05-07
[30] US (61/643,823) 2012-05-07
[30] US (61/676,042) 2012-07-26
[30] US (61/680,045) 2012-08-06
[30] US (61/727,961) 2012-11-19
[30] US (61/780,039) 2013-03-13
[30] US (61/782,951) 2013-03-14
[30] US (61/782,219) 2013-03-14
[30] US (61/782,859) 2013-03-14
[30] US (61/782,757) 2013-03-14
[30] US (61/789,135) 2013-03-15

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[13] C
[51] **Int.Cl. A23L 7/117 (2016.01) A23L 5/00 (2016.01) A23P 10/00 (2016.01)**
[25] EN
[54] **PRODUCTION OF SHREDDED PRODUCTS WITH INCLUSIONS**
[54] **FABRICATION DE PRODUITS FILAMENTES COMPORTANT DES INCLUSIONS**
[72] KARWOWSKI, JAN, US
[72] BAUMANN, BARBARA E., US
[72] SIRIS, SUPAPONG, US
[72] VEMULAPALLI, VANI, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2014-11-19
[86] 2013-06-05 (PCT/US2013/044207)
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[51] **Int.Cl. C22C 19/05 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **NI-BASED ALLOY**
[54] **ALLIAGE A BASE DE NI**
[72] HAMAGUCHI, TOMOAKI, JP
[72] SEMBA, HIROYUKI, JP
[72] OKADA, HIROKAZU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-11-20
[86] 2013-06-05 (PCT/JP2013/065588)
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[11] **2,874,450**
[13] C
[51] **Int.Cl. G01V 7/00 (2006.01) G01V 7/02 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **GRAVITY TRANSDUCER**
[54] **TRANSDUCTEUR DE GRAVITE**
[72] GUI, XIANG, CA
[72] LISZICASZ, GEORGE, CA
[73] NXT ENERGY SOLUTIONS, INC., CA
[85] 2014-11-21
[86] 2013-05-22 (PCT/US2013/042315)
[87] (WO2013/177340)
[30] US (61/650,413) 2012-05-22

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[13] C
[51] **Int.Cl. B61F 5/52 (2006.01)**
[25] EN
[54] **RUNNING GEAR FRAME FOR A RAIL VEHICLE**
[54] **CHASSIS D'ORGANE DE ROULEMENT POUR VEHICULE FERROVIAIRE**
[72] ZANUTTI, CEDRIC, BE
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-11-26
[86] 2013-05-29 (PCT/EP2013/061133)
[87] (WO2013/178717)
[30] EP (12170083.5) 2012-05-30

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[51] **Int.Cl. E04B 1/80 (2006.01) B32B 3/12 (2006.01) B32B 7/12 (2006.01) B32B 33/00 (2006.01) F16L 59/02 (2006.01) F16L 59/06 (2006.01) F16L 59/08 (2006.01) F16S 1/12 (2006.01)**
[25] EN
[54] **HIGH RESISTANCE PANELS (HRP)**
[54] **PANNEAUX A HAUTE RESISTANCE**
[72] ZHAO, JOE R. H., CA
[73] ZHAO, JOE R. H., CA
[86] (2876324)
[87] (2876324)
[22] 2014-12-31

[11] **2,876,843**
[13] C
[51] **Int.Cl. B65D 5/52 (2006.01)**
[25] EN
[54] **PACKING BOX FOR DISPLAY**
[54] **BOITE DE CONDITIONNEMENT DESTINEE A UN PRESENTOIR**
[72] PARK, EUN JIN, KR
[73] CJ CHEILJEDANG CORPORATION, KR
[86] (2876843)
[87] (2876843)
[22] 2014-12-29
[30] KR (20-2014-0007679) 2014-10-22

[11] **2,876,870**
[13] C
[51] **Int.Cl. A01D 34/00 (2006.01) A01D 34/68 (2006.01) A01D 75/00 (2006.01)**
[25] EN
[54] **VARIABLE SPEED CONTROL SYSTEMS AND METHODS FOR WALK-BEHIND WORKING MACHINES**
[54] **SYSTEMES ET PROCEDES DE COMMANDE A VITESSE VARIABLE POUR MACHINES DE TRAVAIL DERRIERE LESQUELLES ON MARCHE**
[72] KASKAWITZ, SCOTT, US
[72] PRINZO, VINCENT ANDREW, US
[72] BENDER, BRIAN, US
[73] HONDA MOTOR CO., LTD., JP
[86] (2876870)
[87] (2876870)
[22] 2015-01-08
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[51] **Int.Cl. G06Q 50/30 (2012.01) B60S 5/00 (2006.01) B61L 27/00 (2006.01) G06K 7/10 (2006.01) G07C 5/08 (2006.01) G08G 1/14 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR CAPTURING TELEMATICS DATA WITH AN ACTIVE RFID TAG**
[54] **SYSTEME, PROCEDE ET APPAREIL DE CAPTURE DE DONNEES TELEMATIQUES A L'AIDE D'UNE ETIQUETTE RFID ACTIVE**
[72] OLSEN, JOHN, US
[72] BRADLEY, DAVID, US
[72] JENKINS, RHESA, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[87] (2877012)
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[25] EN
[54] **PACKAGE FOR LAUNDRY DETERGENT HAVING APPARENT PRE-TREAT CAPABILITY**
[54] **EMBALLAGE POUR DETERGENT A LESSIVE AYANT UNE CAPACITE DE PRETRAITEMENT APPARENTE**
[72] SANDERS, MICHAEL DAVID, US
[72] SANDERS, EBONY NICOLE, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/28 (2006.01) A61K 31/4184 (2006.01) A61K 31/4422 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING FIMASARTAN AND HYDROCHLOROTHIAZIDE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DU FIMASARTAN ET DE L'HYDROCHLOROTHIAZIDE**
[72] KIM, JE HAK, KR
[72] NAM, KYUNG WAN, KR
[72] PARK, SEO HUN, KR
[72] KIM, JU WON, KR
[72] KIM, SANG YEOP, KR
[73] BORYUNG PHARMACEUTICAL CO., LTD., KR
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[30] KR (10-2012-0070359) 2012-06-28

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[25] EN
[54] **DEVICE FOR LAYERED STACKING A SUPPORT**
[54] **DISPOSITIF POUR EMPILER DES ARTICLES EN PLUSIEURS COUCHES SUR UN SUPPORT**
[72] CAVELIUS, JORG, DE
[73] DEMATIC GMBH, DE
[85] 2014-12-22
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[25] EN
[54] **DIOXINO- AND OXAZIN-[2,3-D]PYRIMIDINE PI3K INHIBITOR COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES DIOXINO- ET OXAZINE-[2,3-D]PYRIMIDINE, INHIBITEURS DE PI3K, ET LEURS PROCEDES D'UTILISATION**
[72] HEALD, ROBERT ANDREW, GB
[72] MCLEAN, NEVILLE JAMES, GB
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-19
[86] 2013-08-29 (PCT/EP2013/067861)
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[30] US (61/694,898) 2012-08-30

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[51] **Int.Cl. H02J 9/06 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION**
[72] OHNISHI, KEISUKE, JP
[72] MASUNAGA, HIROSHI, JP
[73] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
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[25] EN
[54] **DEHUMIDIFICATION CONFIGURATION**
[54] **CONFIGURATION DE DESHUMIDIFICATION**
[72] KIJIMA, TAKUMI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2880015)
[87] (2880015)
[22] 2015-01-26
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[51] **Int.Cl. F21S 8/04 (2006.01) B64D 11/00 (2006.01) F21S 8/00 (2006.01) H01L 51/50 (2006.01)**
[25] EN
[54] **ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] ARUGA, HIROYASU, JP
[72] KATSUME, TADASHI, JP
[73] LUMIOTEC INC., JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-01-28
[86] 2013-09-04 (PCT/JP2013/073779)
[87] (WO2014/038583)
[30] JP (2012-195469) 2012-09-05

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[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/303 (2006.01)**
[25] EN
[54] **WINDOW BLIND ROLLER SYSTEM WITH INTERMITTENT GEAR TURNOVER MECHANISM**
[54] **SYSTEME D'ENROULEMENT DE STORE DE FENETRE AYANT UN MECANISME DE RETOURNEMENT A ENGRENAGE INTERMITTENT**
[72] ZHANG, YIFEI, CN
[72] WU, CHENGSHANG, CN
[73] HANGZHOU WOKASOLAR TECHNOLOGY CO., LTD., CN
[85] 2015-01-30
[86] 2013-07-28 (PCT/CN2013/080257)
[87] (WO2014/019481)
[30] CN (201210266070.2) 2012-07-30

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[51] **Int.Cl. E21B 43/24 (2006.01) C02F 1/00 (2006.01) E21B 43/40 (2006.01) F22B 29/00 (2006.01)**
[25] EN
[54] **OIL RECOVERY PROCESS**
[54] **PROCEDE DE RECUPERATION D'HUILE**
[72] VASUDEVAN, MEENATCHINATHAN, US
[73] CLEAVER-BROOKS, INC., US
[86] (2881165)
[87] (2881165)
[22] 2011-11-15
[62] 2,758,407
[30] US (13/185,797) 2011-07-19
[30] US (13/185,819) 2011-07-19

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[13] C
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/27 (2006.01) H03M 13/31 (2006.01) H04L 1/24 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **MODULATOR AND MODULATION METHOD USING NON-UNIFORM 16-SYMBOL SIGNAL CONSTELLATION FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING 2/15 CODE RATE**
[54] **MODULATEUR ET PROCEDE DE MODULATION UTILISANT UNE CONSTELLATION DE SIGNAUX A 16 SYMBOLES NON UNIFORME POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UN DEBIT DE CODES DE 2/15**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2881538)
[87] (2881538)
[22] 2015-02-11
[30] KR (10-2014-0016860) 2014-02-13
[30] KR (10-2015-0017771) 2015-02-05

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[13] C
[51] **Int.Cl. H03M 13/11 (2006.01) H03M 13/27 (2006.01) H03M 13/31 (2006.01) H04L 1/24 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **MODULATOR AND MODULATION METHOD USING NON-UNIFORM 16-SYMBOL SIGNAL CONSTELLATION FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING 4/15 CODE RATE**
[54] **MODULATEUR ET PROCEDE DE MODULATION UTILISANT UNE CONSTELLATION DE SIGNAUX A 16 SYMBOLES NON UNIFORME POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UN DEBIT DE CODES DE 4/15**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2881540)
[87] (2881540)
[22] 2015-02-11
[30] KR (10-2014-0016865) 2014-02-13
[30] KR (10-2015-0017770) 2015-02-05

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[13] C
[51] **Int.Cl. C07D 209/14 (2006.01) A61K 31/404 (2006.01) A61K 31/4184 (2006.01) A61K 31/44 (2006.01) A61K 31/4406 (2006.01) A61K 31/454 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/12 (2006.01)**
[25] EN
[54] **N-ACYLHYDRAZONE DERIVATIVES FOR SELECTIVE T CELL INHIBITOR AND ANTI-LYMPHOID MALIGNANCY DRUG**
[54] **DERIVES DE N-ACYLHYDRAZONE DESTINES A UN MEDICAMENT ANTIMALIGNITE LYMPHOIDE ET INHIBANT SELECTIVEMENT LES LYMPHOCYTES T**
[72] CHOI, HOJIN, KR
[72] LEE, JAEWON, KR
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[72] MCCORMICK, DANIEL, US
[72] REED, WESLEY, US
[72] CRAMER, THOMAS, US
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[72] VIRTANEN, ESA, FI
[73] ABB TECHNOLOGY AG, CH
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[73] QUALCOMM INCORPORATED, US
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[54] **ROULEMENT ET DISPOSITIF TOURNANT A ROULEMENT**
[72] ROELOFSEN, JOHAN H. J., NL
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[54] **PROCEDE POUR MODIFIER LES FLANCS D'UNE DENT D'UNE ROUE DENTEE A L'AIDE D'UN OUTIL**
[72] SCHIEKE, JORG, DE
[73] PRAWEMA ANTRIEBSTECHNIK GMBH, DE
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[54] **VEHICULE INDUSTRIEL**
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[54] **PROCEDE ET SYSTEME DE CONFIGURATION DE CAPTURE DE DONNEES AUTOMATISEE ET MANUELLE**
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[54] **SYSTEME ET PROCEDE D'ALIGNEMENT CIRCONFERENTIEL D'UN SOUS-SYSTEME DE VERROUILLAGE DE FOND DE TROU**
[72] TELFER, STUART ALEXANDER, GB
[72] DAHL, ESPEN, BR
[72] STEELE, DAVID JOE, US
[72] DUPLER, LESTER BARETT, US
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[54] **SYSTEME ET METHODE DE FIXATEUR CIRCULAIRE**
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[72] EDIE, JASON, US
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[72] HE, MIN, CN
[72] WU, JIAN, CN
[73] JIAXIN JACKSON TRAVEL PRODUCTS CO., LTD., CN
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[54] **SYSTEMS AND METHODS FOR HYDRAULIC BALANCING DOWNHOLE CUTTING TOOLS**
[54] **SYSTEMES ET PROCEDES D'EQUILIBRAGE HYDRAULIQUE D'OUTILS DE COUPE DE FOND DE TROU**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] MALINEN, PERTTU, FI
[73] ABLOY OY, FI
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[54] **IMPLANT EFFILE, CYLINDRIQUE, CRUCIFORME POUR ORTEIL EN MARTEAU ET METHODE**
[72] MCCORMICK, DANIEL F., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[54] **AGITATEUR A MOUVEMENT AUTOMATIQUE**
[72] JONES, BRADLEY, US
[72] HOLTON, BENJAMIN LANNING, US
[72] CADY, ERIC, US
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[72] OWENS, JONATHAN M., US
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[54] **FLUIDE DE TRAITEMENT DE PETROLE OU DE GAZ CONTENANT UN COMPLEXE CHELATE OU UN COMPLEXE DE COORDINATION QUI DURCIT**
[72] JAMISON, DALE E., US
[72] WHITFILL, DONALD L., US
[72] MILLER, MATTHEW L., US
[72] MORRIS, KAY A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] ZHONG, XIAOGUANG ALLAN, US
[72] MOELLER, DANIEL KEITH, NL
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROCEDE ET DISPOSITIF DE SIMULATION ET DE PILOTAGE COMBINES D'ENGINS TELECOMMANDES, INCLUANT UN SYSTEME DE PROJECTION CONVIVIAL**
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[72] SCHMIDT, HOLGER, DE
[73] GRENZEBACH MASCHINENBAU GMBH, DE
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[72] DIVIESTI, KATHERINE ISOBEL, US
[72] BLAKE, JESSE, US
[72] DWORAK, ADAM JAN, US
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[54] **COMPOSES DERIVES DE CYCLOHEXENE BIARYLE-SUBSTITUE OU BIARYLE HETEROCYCLIQUE-SUBSTITUE EN TANT QU'INHIBITEURS DE CETP**
[72] LEE, JAE KWANG, KR
[72] OH, JUNG TAEK, KR
[72] LEE, JAE WON, KR
[72] LEE, SEO HEE, KR
[72] KIM, IL-HYANG, KR
[72] LEE, JAE YOUNG, KR
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[54] **CREATION D'UNE EXPERIENCE SENSORIELLE DANS UN VEHICULE**
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[72] WOUHAYBI, RITA H., US
[73] INTEL CORPORATION, US
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[72] DUPONT, EMILIE, CH
[72] GAUVRY, NOELLE, CH
[72] NANCHEN, STEVE, CH
[72] OGAWA, CHIKAKO, CH
[72] TAHTAOUI, CHOUAIB, CH
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[54] **DISPOSITIF AMORTISSEUR DE VIBRATION REMPLI DE FLUIDE**
[72] FURUMACHI, NAOKI, JP
[72] YASUDA, TAKAYOSHI, JP
[72] KUNIYA, TAKESHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEME DE RECUPERATION DE CO2 ET PROCEDE POUR SON FONCTIONNEMENT**
[72] YOSHIKAWA, KOHEI, JP
[72] SATO, HIROKI, JP
[72] KANEEDA, MASATO, JP
[73] HITACHI, LTD., JP
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[54] **INTEGRATION DE CABLES DE FIBRES OPTIQUES DANS LES COMPOSITES DESTINES AUX APPAREILS ROTATIFS**
[72] SUTTON, DREW, US
[72] TUCKER, BRIAN, US
[72] SCHANK, TROY, US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **INTERFACE ENTRE UN PANNEAU DE PLANCHER ET UN RAIL DE PANNEAU**
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[72] WOERMAN, MARK, US
[73] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
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[54] **INDICATEUR VISUEL D'EPAISSEUR DE REVETEMENT**
[72] CHAMBERLAIN, ADAM LEE, US
[72] LAZUR, ANDREW JOSEPH, US
[72] LEE, KANG N., US
[73] ROLLS-ROYCE CORPORATION, US
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[25] EN
[54] **EICOSAPENTAENOIC ACID-PRODUCING MICROORGANISMS, FATTY ACID COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF**
[54] **MICRO-ORGANISMES PRODUISANT DE L'ACIDE EICOSAPENTAENOIQUE, COMPOSITIONS D'ACIDES GRAS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] APT, KIRK E., US
[72] BEHRENS, PAUL WARREN, US
[72] HANSEN, JON MILTON, US
[72] PFEIFER, JOSEPH W., III, US
[72] STAHL, TRACEY LYNN, US
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[54] **PLAQUE DE SUPPORT PERMETTANT D'INSTALLER UN CARREAU**
[72] BOYLE, SEAN P., US
[73] LATICRETE INTERNATIONAL, INC., US
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[72] ZHANG, XIANG, CN
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[72] NOLAN, CHRIS, CA
[72] PIKE, DARRYL, CA
[72] ROWE, HEATHER, CA
[72] HALL, JOHN, CA
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[54] **SYSTEME ET PROCEDE PERMETTANT DE BALAYER UN FAISCEAU DE LUMIERE A IMPULSIONS ULTRACOURTES**
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[72] GORSCHBOTH, CLAUDIA, DE
[72] DONITZKY, CHRISTOF, DE
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[73] HALLIBURTON ENERGY SERVICES, INC., US
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[72] HIEB, MARTIN G., US
[72] HAJICEK, DAVID J., US
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[54] **PROCEDE DE PRODUCTION DE GAZ, DE PETROLE ET DE MINERAI EMPLOYANT UN SYSTEME ET UNE METHODE DE TRAITEMENT PROPRE**
[72] VANDIGRIFF, JOHN EDWARD, US
[72] ORBECK, EINAR ARVID, US
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[54] **COMPOSITION D'ADDITIF DESTINEE A MAITRISER ET INHIBER LA POLYMERISATION DE MONOMERES ALIPHATIQUES, ET SES PROCEDES DE PREPARATION ET D'UTILISATION**
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[73] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
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[72] LAUTWEIN, CHRISTOF, DE
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[54] **NOUVEAUX COMPOSES POUR INHIBITEURS SELECTIFS D'HISTONE DESACETYLASES ET COMPOSITION PHARMACEUTIQUE LES COMPRENANT**
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[72] YANG, HYUN-MO, KR
[72] CHOI, HOJIN, KR
[72] KIM, DOHOON, KR
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[72] FLESSERT, DAVID, US
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[72] JONES, PAUL JOSEPH, US
[72] ROWE, MISTY DAWN, US
[72] HUNDT, GREG ROBERT, US
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[73] UBER TECHNOLOGIES, INC., US
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[54] **PROCEDE DE FABRICATION DE PLANTES ARTIFICIELLES ET PLANTES ARTIFICIELLES**
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[54] **BASE DE SUPPORT D'UN MAT VERTICAL**
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[54] **EAU, GRAISSE ET PRODUITS BIOLOGIQUES THERMORESISTANTS ET PROCEDE DE FABRICATION ASSOCIE**
[72] KRIGSTIN, SALLY, CA
[72] SAIN, MOHINI, CA
[72] SAMENI, JAVAD, CA
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[54] **SYSTEME DE CARREAUX POUR PLAFOND SUSPENDU ET MUR, ET METHODE**
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[73] GESTION MCD INC., CA
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[54] **METHOD AND APPARATUS FOR INSPECTING LAMINATED IRON CORE**
[54] **METHODE ET APPAREIL D'INSPECTION DE MINERAI DE FER LAMELLE**
[72] SHIBUTA, TADASHI, JP
[72] MATSUMOTO, MASASHI, JP
[72] MIZUTANI, TATSUHIKO, JP
[72] YAMAGISHI, YOSHITADA, JP
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[54] **HANGER BAR FOR A SUPPORTING STRUCTURE OF A FALSE CEILING**
[54] **BARRE DE DISPOSITIF DE SUSPENSION PERMETTANT DE SERVIR DE SUPPORT A UNE STRUCTURE DE FAUX-PLAFOND**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[73] USG INTERIORS, LLC, US
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[54] **METHOD AND SYSTEM USING A BITMAP FOR PASSING CONTACTLESS PAYMENT CARD TRANSACTION VARIABLES IN STANDARDIZED DATA FORMATS**
[54] **PROCEDE ET SYSTEME UTILISANT UN TOPOGRAMME BINAIRE POUR TRANSMETTRE DES VARIABLES DE TRANSACTIONS DE CARTE DE PAIEMENT SANS CONTACT DANS DES FORMATS DE DONNEES NORMALISES**
[72] SMETS, PATRIK, BE
[72] VAN DE VELDE, EDDY LODEWIJK HORTENSIA, BE
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **SYSTEME DE PILE A COMBUSTIBLE A COMMANDE DE SUPPRESSION DE NON-ALIMENTATION LORS DE LA REPRISE DE RALENTI**
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[72] CHIKUGO, HAYATO, JP
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[54] **PROCEDE ET DISPOSITIF DE SEPARATION D'HYDROCARBURES ET DE CONTAMINANTS AU MOYEN D'UN ENSEMBLE DE PULVERISATION**
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[72] MAHER, DAVID W., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **APPARATUS AND METHOD TO CLEAN A TUBULAR MEMBER**
[54] **APPAREIL ET PROCEDE DE NETTOYAGE D'UN ELEMENT TUBULAIRE**
[72] ANGELLE, JEREMY RICHARD, US
[72] THIBODEAUX, ROBERT JR., US
[72] STELLY, JOHN ERICK, US
[72] SMITH, LOGAN ESSEX, US
[73] FRANK'S INTERNATIONAL, LLC, US
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[54] **ELECTRICAL DEVICE MOUNTING ASSEMBLY**
[54] **GROUPE DE MONTAGE DE DISPOSITIF ELECTRIQUE**
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[72] CLAYTON, HOWARD P., US
[73] HUBBELL INCORPORATED, US
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[54] **POWER CONVERSION DEVICE AND AIR CONDITIONER**
[54] **DISPOSITIF DE CONVERSION D'ENERGIE ET APPAREIL DE CONDITIONNEMENT D'AIR**
[72] MAKINO, YASUSHI, JP
[72] SHIZU, KEIICHIRO, JP
[72] OWADA, KENTA, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[73] STONEWALL ENERGY CORP., CA
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[54] **CONTAINMENT DEVICE FOR A LASER HEAD AND ASSOCIATED MANUFACTURING METHOD**
[54] **DISPOSITIF DE CONFINEMENT D'UNE TETE DE LASER ET METHODE DE FABRICATION ASSOCIEE**
[72] FISSETTE, SIMON, CA
[72] BLAIS, LORRAINE, CA
[72] LEGAULT, MARIO, CA
[72] CHENARD, DANIEL, CA
[72] CARON-GUILLEMETTE, GABRIEL, CA
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[54] **WIDENED BEAMWIDTH FOR DIPOLE ANTENNAS USING PARASITIC MONOPOLE ANTENNA ELEMENTS**
[54] **LARGEUR DE FAISCEAU ELARGIE DESTINEE A DES ANTENNES DIPOLAIRES AU MOYEN D'ELEMENT D'ANTENNE MONOPOLAIRE PARASITE**
[72] FARZANEH, SADEGH, CA
[72] GAVRILOVIC, MINYA, CA
[72] HOJJAT, NASRIN, CA
[72] BROMLEY, DES, CA
[73] COMMUNICATION COMPONENTS ANTENNA INC., CA
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[73] BRIDGESTONE CORPORATION, JP
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[54] **CARTOUCHES DE RASAGE COMPORTANT DES ELEMENTS DE LUBRIFICATION**
[72] CARNEIRO, HUBERT FRANCIS, US
[72] CATAUDELLA, MATTHEW COREY, US
[72] WASHINGTON, JACK ANTHONY, US
[73] THE GILLETTE COMPANY LLC, US
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[54] **SECURING A WIRELESS MESH NETWORK VIA A CHAIN OF TRUST**
[54] **SECURISATION D'UN RESEAU MAILLE SANS FIL PAR LE BIAIS D'UNE CHAINE DE CONFIANCE**
[72] WEKSLER, MICHEL, US
[72] ABOUSSELHAM, YASSIR, US
[72] KRIEGER, KEN, US
[72] DE VRIES, BRIAN, US
[73] GOOGLE INC., US
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[54] **ELECTRIC OPERATED CAR**
[54] **VOITURE FONCTIONNANT A L'ELECTRICITE**
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[71] BCHUTI, MARWAN, CA
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[54] **PIPE HOLDER AND SUPPORT**
[54] **DISPOSITIF DE MAINTIEN DE TUYAU ET SUPPORT**
[72] BREDA, VICTOR A., CA
[71] BREDA, VICTOR A., CA
[22] 2016-01-18
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[25] EN
[54] **UNMANNED AERIAL VEHICLE PAINTING SYSTEM**
[54] **SYSTEME DE PEINTURE DE VEHICULE AERIEN SANS PILOTE**
[72] UNKNOWN, ZZ
[71] SIRTON, GUY, CA
[22] 2016-01-18
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[54] **DEVICE FOR APPLYING COMPOUND TO A CORNER BEAD AND METHOD OF MAKING THE SAME**
[54] **DISPOSITIF D'APPLICATION DE COMPOSE SUR UNE BAGUETTE D'ANGLE ET METHODE DE FABRICATION ASSOCIEE**
[72] KORMOS, DAVID, CA
[71] KORMOS, DAVID, CA
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[54] **ALL-PURPOSE CLEANER SYSTEMS**
[54] **SYSTEMES DE NETTOYAGE TOUT USAGE**
[72] MOSER, GAIL R., CA
[71] MOSER, GAIL R., CA
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[54] **DISPOSITIF DE PRELEVEMENT DE SOL MOU ET SYSTEME**
[72] OLMEDO, NICOLAS, CA
[72] DWYER, STEPHEN, CA
[72] LIPSETT, MICHAEL, CA
[72] YUEN, JAMES, CA
[71] COPPERSTONE TECHNOLOGIES LTD., CA
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[54] **EDP - ELECTRONIC DOOR PLATE**
[54] **PLAQUE DE PORTE ELECTRONIQUE**
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[71] ZHANG, HANG, CA
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[54] **COASTER FOR CUP-HOLDER**
[54] **SOUS-VERRE POUR PORTE-GOBELET**
[72] ROSS, MICHAEL, CA
[72] ASA, MARIE, CA
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[54] **PHOTOVOLTAIC SYSTEM WITH REFLECTIVE PANEL OR REFLECTIVE STRIP ASSEMBLY**
[54] **DISPOSITIF PHOTOVOLTAIQUE DOTE D'UN PANNEAU REFLECHISSANT OU D'UN ENSEMBLE DE BANDES REFLECHISSANTES**
[72] DENSHAM, BRIAN, CA
[72] MAZZACATO, CHARLES, CA
[72] RANEY, DAVE, CA
[72] EVANS, BROCK, CA
[71] PV INNOVATIONS, CA
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[54] **CONTROLE DU RENDEMENT D'APPLICATION DES APPLICATEURS LIQUIDES**
[72] WILGER, WILFRED H., CA
[71] WILGER, WILFRED H., CA
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[54] **MODULAR CONTENT DEPLOYMENT AND PLAYBACK CONTROL SYSTEM FOR EDUCATIONAL APPLICATION**
[54] **DEPLOIEMENT DE CONTENU MODULAIRE ET SYSTEME DE COMMANDE DE LECTURE DESTINE A UNE APPLICATION EDUCATIVE**
[72] BARBER, JIM, CA
[72] MACPHEE, KATHLEEN, CA
[71] OOKA ISLAND INC., CA
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[54] **GODET DE TREUILLAGE D'EXCAVATRICE**
[72] OSMAN, ADNAN, CA
[71] PEARL RIVER RENTALS INC., CA
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[54] **SOLE WITH INTEGRATED MECHANICAL DEVICE AND METHOD OF ASSEMBLING THE SAME**
[54] **SEMELLE DOTEE D'UN DISPOSITIF MECANIQUE INTEGRE ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] MELLERIN, RENE, CA
[72] BISSON, MICHEL, CA
[71] GESTION MELLERIN INC., CA
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[54] **LE REMBOURRAGE DE CASQUE PROTECTEUR A COUSSINET D'AIR**
[72] URBANSKI, GLEN E., CA
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[54] **POKER HAND CROSSWORD PUZZLE**
[54] **MOTS CROISES INTEGRANT LE JEU DE POKER**
[72] UNKNOWN, ZZ
[71] LOGUILLO, MISTIE, CA
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[54] **RETRACTABLE COVER FOR LED OFFROAD LIGHT BAR**
[54] **COUVERCLE RETRACTABLE DE BARRE D'ECLAIRAGE HORS ROUTE A DEL**
[72] STOGNIEFF, WOLLY, CA
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[54] **HORTICULTURAL NUTRIENT CONTROL SYSTEM AND METHOD FOR USING SAME**
[54] **DISPOSITIF DE CONTROLE DE NUTRIMENT HORTICOLE ET METHODE D'UTILISATION ASSOCIEE**
[72] VALMONT, JUSTIN JEAN LEONARD, CA
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[54] **CONTENEUR INTERMODAL ET METHODE**
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[71] KELSART MANAGEMENT LTD., CA
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[54] **REAR-MOUNTED ELECTRONIC DISPLAY COMPONENT HOLDER**
[54] **SUPPORT DE COMPOSANT D'AFFICHAGE ELECTRONIQUE INSTALLE A L'ARRIERE**
[72] YANYK, AVERRY S., CA
[71] YANYK, AVERRY S., CA
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[54] **HARNAIS DE PENIS**
[72] WILEY, DANIEL D., CA
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[72] HUGH, KEVIN A., CA
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[25] EN
[54] **SEWER PIPE FITTING ASSEMBLY**
[54] **DISPOSITIF DE RACCORD DE TUYAU D'EGOUT**
[72] KELK, BRIAN J., CA
[71] KELK, BRIAN J., CA
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[54] **STRUCTURE DE COMMUTATION D'APPAREIL DE DISTRIBUTION D'EAU**
[72] HUANG, PO-CHAO, TW
[71] YUAN MEI CORP., TW
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[71] YUAN-MEI CORP., TW
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[54] **METHODE DE CULTURE DE SEMIS DE COLZA**
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[72] YANG, GUANG, CN
[72] ZUO, QINGSONG, CN
[71] YANGZHOU UNIVERSITY, CN
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[54] **SYSTEME DE DISTRIBUTION NUMERIQUE DE COMPOSITIONS FLUIDIFIABLES**
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[72] AMIRI, MARYAM, US
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[71] AMIRI, MARYAM, US
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[72] LIVINGSTON, DAVID, JR., US
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[54] **CONNECTING STRUCTURE AND LED DISPLAY DEVICE HAVING THE SAME**
[54] **STRUCTURE DE CONNEXION ET DISPOSITIF D'AFFICHAGE A DEL LA COMPORTANT**
[72] PAN, XITIAN, CN
[71] SHENZHEN LEYARD OPTO-ELECTRONIC CO.,LTD., CN
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[54] **SLIDE CLIP CONNECTOR**
[54] **RACCORD DE PINCE COULISSANTE**
[72] DAUDET, LARRY RANDALL, US
[72] NGUYEN, HIEN, US
[72] STAUFFER, TIMOTHY M., US
[72] LIN, JIN-JIE, US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
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[72] RAINER, LUTHER, DE
[71] FRANZ SCHNEIDER GMBH & CO. KG, DE
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[54] **PROTECTEUR DE CONNEXION DE CONDUIT DE FLUIDE**
[72] GOTTRE, ALEXANDER, DE
[72] LIESE, RALF, DE
[71] CENTROTHERM SYSTEMTECHNIK GMBH, DE
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[54] **ORBITAL DRILLING SYSTEM AND ASSOCIATED METHODS AND APPARATUSES**
[54] **SYSTEME DE PERCAGE ORBITAL ET METHODES ET APPAREILS ASSOCIES**
[72] HOLLEMAN, WESLEY E., US
[72] FARRELL, NICHOLAS R., US
[71] THE BOEING COMPANY, US
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[54] **DISPOSITIF D'AMELIORATION DE ZONE D'ENTREE ET METHODE**
[72] JARONCZYK, CEZARY CJ, CA
[71] JARONCZYK, CEZARY CJ, CA
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[54] **DISPOSITIF DE VERROUILLAGE DE MECANISME D'INTERRUPTION DE CIRCUIT**
[72] DARKO, KENNEDY AMOAKO, US
[72] MARTIN, DONALD RICHARD, US
[71] G & W ELECTRIC COMPANY, US
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[54] **GAS-POWERED FIXING TOOL AND METHOD FOR OPERATION OF SAME**
[54] **OUTILS DE FIXATION ALIMENTES AU GAZ ET METHODE DE FONCTIONNEMENT ASSOCIE**
[72] HERELIER, PATRICK, FR
[72] CORDEIRO, PIERRE, FR
[72] RICORDI, CHRISTIAN, FR
[71] ILLINOIS TOOL WORKS INC., US
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[54] **THREE-PHASE POWER SWITCHING FOR UNGROUNDED WYE CIRCUITS**
[54] **COMMUTATEUR D'ALIMENTATION TRIPHASE DESTINE A DES CIRCUITS EN ETOILE NON MIS A LA TERRE**
[72] SHEARER, JON, US
[72] AFSCHILIMAN, CARL, US
[72] PERIYATHAMBY, SABESHAN SEAN, US
[71] GOODRICH CORPORATION, US
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[54] **STABILIZED OBSERVATION WITH LRF FUNCTION**
[54] **OBSERVATION STABILISEE AU MOYEN D'UNE FONCTION LRF**
[72] ZADRAVEC, DUSAN, CH
[72] KUNZ, DANIEL, CH
[71] VECTRONIX AG, CH
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[54] **METHODS AND SYSTEMS FOR WING-TO-BODY JOINING**
[54] **METHODES ET DISPOSITIFS DE JOINTAGE D'AILE AU CORPS**
[72] BODE, AKSEL, US
[72] BUI, PETER HOANG, US
[72] COOKE, BARRY THEOPHILE, US
[72] LEANDER, JOSEPH ALAN, US
[72] DINH, NGAN MINH, US
[72] KOOPMAN, PAUL ALAN, US
[72] PUZEY, KEVIN RONALD, US
[71] THE BOEING COMPANY, US
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[54] **INLET PARTICLE SEPARATOR FOR A TURBINE ENGINE**
[54] **SEPARATEUR DE PARTICULES ENTRANTES DESTINE A UN MOTEUR A TURBINE**
[72] MAYER, JEFFREY CARL, US
[72] KARAFILLIS, APOSTOLOS PAVLOS, US
[72] MANTEIGA, JOHN ALAN, US
[72] KISZEWSKI, COURTNEY ANN, US
[72] HENRY, KYLE EARL ROLAND, US
[72] YOUNG, CRAIG DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **CONFIGURATION D'APPAREIL D'AFFICHAGE ET SYSTEME DE GESTION**
[72] VISE, SAMUEL ARTHUR, CA
[72] DIMIC, RANKO, CA
[71] VISE, SAMUEL ARTHUR, CA
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[54] **WIRELESS LIGHTING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'ECLAIRAGE SANS FIL**
[72] TRESS, CHRISTOPHER MICHAEL, US
[72] WARDEN, STEPHEN A., US
[71] REV-A-SHELF COMPANY, LLC, US
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[54] **OUTIL DE REPARATION DE GAZ**
[72] VETTORETTI, ALAIN, FR
[72] HERELIER, PATRICK, FR
[72] NAYRAC, FREDERIC, FR
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[54] **ANIMAL TRAP WITH ANIMAL ENTRANCE ENCOURAGING MEANS**
[54] **PIEGE D'ANIMAL EQUIPE DE DISPOSITIFS INCITANT L'ENTREE DE L'ANIMAL**
[72] BAXTER, JOSEPH, CA
[71] BAXTER, JOSEPH, CA
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[54] **ENCLOSURE, AND WINDOW ASSEMBLY AND ASSEMBLING METHOD THEREFOR**
[54] **ENCEINTE ET ASSEMBLAGE DE FENETRE ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] SIPE, WARREN CLIFT, US
[72] PROHASKA, RICHARD DONALD, US
[72] CARSON, GILBERT RICKY, US
[71] EATON CORPORATION, US
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[25] EN
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[54] **DISPOSITIF DE CONNEXION DESTINE A UNE CONNEXION ELECTRIQUE D'UNE CHARGE ELECTRIQUE AU MOYEN D'UNE SOURCE D'ALIMENTATION ELECTRIQUE**
[72] VO, DAI, US
[72] GOUHL, ERIK JEFFREY, US
[72] LU, ROBIN, CN
[71] EATON CORPORATION, US
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[54] **FLOTATION OF SPHALERITE FROM MIXED BASE METAL SULFIDE ORES EITHER WITHOUT OR WITH LARGELY REDUCED AMOUNT OF COPPER SULFATE ADDITION USING 2-(ALKYLAMINO) ETHANETHIOLS AS COLLECTORS**
[54] **FLOTTATION DE SPHALERITE A PARTIR DE MINERAIS DE SULFITES DE METAL DE BASE MELANGES AVEC OU SANS UNE QUANTITE GRANDEMENT REDUITE DE SULFATE DE CUIVRE AJOUTE AU MOYEN D'ALKYLAMINO-2 ETHANETIOLS COMME COLLECTEURS**
[72] NIRDOSH, INDERJIT, CA
[72] RAMANATHAN, NATARAJAN, IN
[71] LAKEHEAD UNIVERSITY, CA
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[54] **METHOD FOR TRANSMITTING SIGNALS BETWEEN WEARABLE MOTION CAPTURE UNITS AND A VIDEO GAME ENGINE**
[54] **METHODE DE TRANSMISSION DE SIGNAUX ENTRE DES MODULES DE CAPTURE DU MOUVEMENT PORTABLES ET UN MOTEUR DE JEU VIDEO**
[72] YU, CHUNHUNG, CA
[71] YU, CHUNHUNG, CA
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[54] **VOICE AFFECT MODIFICATION**
[54] **MODIFICATION DE L'EMOTION DE LA VOIX**
[72] NAHMAN, JAIME ELLIOT, US
[72] MARTI, STEFAN, US
[72] DI CENSO, DAVIDE, US
[71] HARMAN INTERNATIONAL INDUSTRIES, INC., US
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[54] **SYSTEM AND METHOD FOR CLEANING A GAS TURBINE ENGINE AND RELATED WASH STAND**
[54] **SYSTEME ET METHODE DE NETTOYAGE D'UNE TURBINE A GAZ ET SUPPORT DE LAVAGE ASSOCIE**
[72] RAWSON, LLOYD ERIC, US
[72] WALLACE, THOMAS TRACY, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEMS AND METHODS TO FORMAT AND ENCODE AVIATION DATA FOR IMPROVED TRANSMITTABILITY**
[54] **SYSTEMES ET METHODES DE FORMATAGE ET DE CODAGE DE DONNEES D'AVIATION DESTINES A AMELIORER LA TRANSMISSIBILITE**
[72] BOLLING, RANDY E., US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **TRAFFIC VISUALIZATION SYSTEM**
[54] **SYSTEME DE VISUALISATION DE LA CIRCULATION**
[72] NARAYANA, BHARATH KALLALI, US
[72] KHOT, BHARAT BALASO, US
[72] KALKERE, GIRIDHARA, US
[72] RAMASAMY, VIVEK, US
[71] HONEYWELL INTERNATIONAL INC., US
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[54] **METHODE DE SELECTION D'UNE FRAISE D'USINAGE**
[72] ENGLEBERT, ERIC, BE
[71] SAFRAN AERO BOOSTERS S.A., BE
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[25] FR
[54] **MAINTENANCE SYSTEM FOR AN AIRCRAFT TURBO MACHINE**
[54] **SYSTEME DE MAINTENANCE D'UNE TURBOMACHINE D'AERONEF**
[72] RAIMARCKERS, NICOLAS, BE
[72] THOMAS, VINCENT, BE
[72] SERVAIS, BRUNO, BE
[71] SAFRAN AERO BOOSTERS S.A., BE
[22] 2017-01-05
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[25] EN
[54] **REMOVABLE AIR SCREEN FOR AN AGRICULTURAL METER HOUSING**
[54] **FILTRE A AIR AMOVIBLE DESTINE A UN LOGEMENT D'APPAREIL DE MESURE AGRICOLE**
[72] JOHNSON, CHAD M., US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2017-01-09
[41] 2017-07-22
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[25] EN
[54] **CODELESS INFORMATION SERVICE FOR ABSTRACT RETRIEVAL OF DISPARATE DATA**
[54] **SERVICE D'INFORMATION SANS CODE DESTINE A L'EXTRACTION DE RESUME DE DONNEES DISPARATES**
[72] LI, TING, US
[72] JOHNSON, CHRISTOPHER M., US
[71] WAL-MART STORES, INC., US
[22] 2017-01-10
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[25] FR
[54] **STATOR VANE**
[54] **AUBE STATORIQUE**
[72] VALLINO, FREDERIC, BE
[71] SAFRAN AERO BOOSTERS S.A., BE
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[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
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[54] **LOCALIZATION OF TRANSACTION TAGS**
[54] **REPERAGE DE BALISES DE TRANSACTION**
[72] FEUILLETTE, REMI, FR
[72] ROUX, PASCAL, FR
[72] CHAPIGNAC, CEDRIC, FR
[71] CONDUENT BUSINESS SERVICES, LLC, US
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[51] **Int.Cl. A47C 31/00 (2006.01) A47C 27/10 (2006.01) A47C 31/12 (2006.01) A61G 7/002 (2006.01)**
[25] EN
[54] **MATTRESS AND ADJUSTABLE FOUNDATION SELECTION SYSTEM AND PROCESS**
[54] **DISPOSITIF ET PROCESSUS DE SELECTION DE MATELAS ET DE SOUTIEN AJUSTABLE**
[72] MACKEY, KEITH E., US
[71] NATIONAL BEDDING COMPANY, L.L.C., US
[22] 2017-01-10
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[51] **Int.Cl. A01N 59/00 (2006.01) A01N 63/00 (2006.01) A01P 1/00 (2006.01) C09K 17/40 (2006.01)**
[25] EN
[54] **METHOD FOR DISINFECTION OF AGRICULTURAL SOIL**
[54] **METHODE DE DESINFECTION DE SOL AGRICOLE**
[72] VILLANUEVA DECODES, EMILIO JESUS, ES
[71] VILLANUEVA DECODES, EMILIO JESUS, ES
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[51] **Int.Cl. F16K 27/10 (2006.01) B23K 35/22 (2006.01) F16L 13/02 (2006.01)**
[25] EN
[54] **WELDABLE, LOW LEAD AND LEAD-FREE PLUMBING FITTINGS AND METHODS OF MAKING THE SAME**
[54] **RACCORD DE TUYAUTERIE SOUDABLE, A FAIBLE TENEUR EN PLOMB ET SANS PLOMB ET METHODES DE FABRICATION ASSOCIEES**
[72] YODER, KEITH, US
[72] LAWRENCE, BENJAMIN L., US
[72] BOBO, DAVID ANDREW, US
[72] KRAZIT, MATTHEW J., US
[71] NIBCO INC., US
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[25] EN
[54] **SYSTEMS AND METHODS OF ENABLING FORECASTING**
[54] **SYSTEME ET METHODES PERMETTANT LA PRODUCTION DE PREVISIONS**
[72] JOHNSON, CHRISTOPHER M., US
[72] LI, TING, US
[71] WAL-MART STORES, INC., US
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[41] 2017-07-22
[30] US (62/281,863) 2016-01-22

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[51] **Int.Cl. C09K 17/52 (2006.01) C05G 3/04 (2006.01)**
[25] EN
[54] **MULCH PRODUCT**
[54] **PRODUIT DE PAILLIS**
[72] HIGNIGHT, KENNETH, US
[72] HIGNIGHT, DEBRA, US
[71] CENTRAL GARDEN & PET COMPANY, US
[22] 2017-01-13
[41] 2017-07-19
[30] US (62/388178) 2016-01-19
[30] US (15/405620) 2017-01-13

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[13] A1
[51] **Int.Cl. F16H 57/032 (2012.01) B64D 35/00 (2006.01) F16H 57/04 (2010.01) F16M 1/04 (2006.01)**
[25] EN
[54] **COMPOSITE GEARBOX HOUSING**
[54] **LOGEMENT DE BOITIER D'ENGRENAGES COMPOSITE**
[72] RONK, WARREN ROSAL, US
[72] GEMEINHARDT, GREGORY CARL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-21
[30] US (15/002,691) 2016-01-21

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[13] A1
[51] **Int.Cl. F01D 25/30 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/20 (2006.01) F02K 1/78 (2006.01)**
[25] EN
[54] **TURBINE REAR FRAME FOR A TURBINE ENGINE**
[54] **CADRE ARRIERE DE TURBINE DESTINE A UN MOTEUR A TURBINE**
[72] KHAN, MOHSIN HASAN, IN
[72] SUDHARSAN, SARASIJA, IN
[72] SESHADRI, GANESH, IN
[72] AVANCHA, RAVIKANTH, IN
[72] DAILEY, LYLE DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-21
[30] US (15/002,782) 2016-01-21

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **TURBINE COMPRESSOR VANE**
[54] **AUBE DE COMPRESSEUR DE TURBINE**
[72] MOECKEL, CURTIS WILLIAM, US
[72] WOOD, PETER JOHN, US
[72] FALK, ERIC ANDREW, US
[72] BRZOZOWSKI, JACEK MICHAL, PL
[72] TARNOWSKI, ANDRZEJ TOMASZ, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-12
[41] 2017-07-18
[30] PL (P.415835) 2016-01-18

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[13] A1
[51] **Int.Cl. A45F 3/16 (2006.01) A47G 19/22 (2006.01) A47G 19/32 (2006.01)**
[25] EN
[54] **A SEALABLE DRINKING CONTAINER WITH AIR-EXTRACTING MECHANISM FOR OXYGENATION SUPPRESSION**
[54] **UN CONTENANT DE BOISSON REFERMABLE DOTE D'UN MECANISME D'EXTRACTION D'AIR DESTINE A LA SUPPRESSION D'OXYGENE**
[72] PISAREVSKY, ARIE ERIC, CA
[71] PISAREVSKY, ARIE ERIC, CA
[22] 2017-01-18
[41] 2017-07-21
[30] US (62281259) 2016-01-21
[30] US (62300981l) 2016-02-29

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[13] A1
[51] **Int.Cl. C02F 9/04 (2006.01) B01J 49/20 (2017.01) B01J 20/34 (2006.01) C01B 19/00 (2006.01) C02F 1/28 (2006.01) C02F 1/42 (2006.01) C02F 1/44 (2006.01) C02F 1/70 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **PROCESS FOR REDUCING SELENIUM FROM AN ION-EXCHANGE OR ADSORPTION MEDIA BRINE**
[54] **PROCEDE DE REDUCTION DU SELENIUM A PARTIR D'ECHANGE D'ION OU DE SAUMURE MILIEU D'ADSORPTION**
[72] BANERJEE, KASHI, US
[72] BUISSON, HERVE, US
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[22] 2017-01-18
[41] 2017-07-21
[30] US (62/281,324) 2016-01-21
[30] US (15/408,341) 2017-01-17

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/303 (2006.01)**
[25] EN
[54] **WINDOW COVERING SYSTEM AND WINDOW COVERING CONTROL ASSEMBLY THEREOF**
[54] **MECANISME DE REVETEMENT DE FENETRE ET DISPOSITIF ASSOCIE DE COMMANDE DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, TW
[72] NIEN, KENG-HAO, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
[22] 2017-01-17
[41] 2017-07-22
[30] CN (201620065142.0) 2016-01-22
[30] US (62/318,771) 2016-04-06

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[13] A1
[51] **Int.Cl. B23D 47/02 (2006.01) B23D 45/04 (2006.01)**
[25] EN
[54] **MITER SAW**
[54] **SCIE A ONGLET**
[72] KNIGHT, WALTER, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-01-17
[41] 2017-07-18
[30] US (14/997,875) 2016-01-18
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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **WINDOW COVERING SYSTEM AND WINDOW COVERING CONTROL APPARATUS THEREOF**
[54] **MECANISME DE REVETEMENT DE FENETRE ET APPAREIL ASSOCIE DE COMMANDE DE REVETEMENT DE FENETRE**
[72] WEI, SHUI-DONG, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD., CN
[22] 2017-01-17
[41] 2017-07-22
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[51] **Int.Cl. B65D 19/22 (2006.01) B65D 19/38 (2006.01)**
[25] EN
[54] **MODULAR PALLET**
[54] **PALETTE MODULAIRE**
[72] SALIARIS, DANIEL P., US
[71] SALIARIS, DANIEL P., US
[22] 2017-01-17
[41] 2017-07-22
[30] US (62/281,824) 2016-01-22
[30] US (15/406,888) 2017-01-16

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR WINDOW COVERING SYSTEM**
[54] **SYSTEME ET DISPOSITIF DE SYSTEME DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD, CN
[22] 2017-01-17
[41] 2017-07-22
[30] US (62/342,289) 2016-05-27
[30] US (62/326,020) 2016-04-22
[30] US (62/318,771) 2016-04-06
[30] CN (201620065142.0) 2016-01-22

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **CONTROL DEVICE OF WINDOW COVERING SYSTEM**
[54] **DISPOSITIF DE COMMANDE DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[71] NIEN MADE ENTERPRISE CO., LTD., CN
[22] 2017-01-17
[41] 2017-07-22
[30] CN (201620065142.0) 2016-01-22
[30] CN (201620094802.8) 2016-01-29
[30] US (62/318,771) 2016-04-06
[30] US (62/326,020) 2016-04-22

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[25] EN
[54] **MITER SAW**
[54] **SCIE A ONGLET**
[72] KNIGHT, WALTER, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-01-17
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[25] EN
[54] **EVALUATING RAILWAY TIES**
[54] **EVALUATION DE JONCTIONS DE CHEMINS DE FER**
[72] FISK, PAUL, US
[72] DE RIVERA, ERIC, US
[72] ARMITAGE, BENSON, US
[71] VECTOR CORROSION SERVICES, INC., US
[22] 2017-01-18
[41] 2017-07-20
[30] US (62280799) 2016-01-20

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[13] A1
[51] **Int.Cl. F25B 5/02 (2006.01) F25B 1/10 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH LOW TEMPERATURE LOAD**
[54] **SYSTEME DE REFROIDISSEMENT A CHARGE BASSE TEMPERATURE**
[72] ALI, MASOOD, US
[72] ZIMMERMANN, AUGUSTO J. PEREIRA, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-01-17
[41] 2017-07-19
[30] US (15/000,817) 2016-01-19

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[13] A1
[51] **Int.Cl. G03G 15/08 (2006.01) G01G 23/14 (2006.01) G01N 15/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR REFILLING REPLENISHER CARTRIDGE**
[54] **DISPOSITIF DE REMPLISSAGE DE CARTOUCHE DE REVELATEUR**
[72] LEUTE, GERARDO, US
[72] WEGMAN, PAUL M., US
[71] XEROX CORPORATION, US
[22] 2017-01-16
[41] 2017-07-19
[30] US (15/000502) 2016-01-19

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[13] A1
[51] **Int.Cl. E04B 9/22 (2006.01) E04B 9/04 (2006.01)**
[25] EN
[54] **TRIM STRIP SYSTEM FOR USE WITH UNDERHUNG CEILING PANELS**
[54] **SYSTEME DE BANDE DE GARNITURE DESTINE A DES PANNEAUX DE PLAFOND SUSPENDU**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[71] USG INTERIORS, LLC, US
[22] 2017-01-16
[41] 2017-07-19
[30] US (15/000,060) 2016-01-19

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[51] **Int.Cl. C08K 9/02 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01) B29C 64/118 (2017.01) C08L 101/12 (2006.01)**
[25] EN
[54] **CONDUCTIVE POLYMER COMPOSITE**
[54] **COMPOSITE POLYMERE CONDUCTEUR**
[72] VELLA, SARAH J., CA
[72] PRESTAYKO, RACHEL, CA
[72] MOORLAG, CAROLYN, CA
[72] KEOSHKERIAN, BARKEV, CA
[71] XEROX CORPORATION, US
[22] 2017-01-16
[41] 2017-07-19
[30] US (15/000609) 2016-01-19

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[51] **Int.Cl. G01N 15/08 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SELECTING DIVERSION MATERIAL FOR A WELLBORE OPERATION**
[54] **METHODE ET APPAREIL DE SELECTION DE MATERIAU DE DIVERSION DESTINES A UNE OPERATION DE TROU DE FORAGE**
[72] MCMURRAY, ANDREW JAMES, CA
[72] MALEY, DAREEN MICHAEL, CA
[72] BURVILL, MICHAEL EDWARD, CA
[72] EPP, BAILEY TODD, CA
[71] STEP ENERGY SERVICES LTD., CA
[22] 2017-01-13
[41] 2017-07-21
[30] US (62/281,482) 2016-01-21

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[51] **Int.Cl. E02F 3/50 (2006.01) E02F 3/58 (2006.01) E02F 3/60 (2006.01)**
[25] EN
[54] **AN EXCAVATOR ATTACHMENT**
[54] **UN ACCESSOIRE D'EXCAVATRICE**
[72] OSMAN, ADNAN, CA
[71] PEARL RIVER RENTALS INC., CA
[22] 2017-01-19
[41] 2017-07-20
[30] CA (2918691) 2016-01-20

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[51] **Int.Cl. A01L 1/00 (2006.01)**
[25] EN
[54] **HORSESHOE**
[54] **FER A CHEVAL**
[72] COLLIER, LESLEY R., CA
[71] COLLIER, LESLEY R., CA
[22] 2017-01-19
[41] 2017-07-20
[30] US (62/280,826) 2016-01-20

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[51] **Int.Cl. E04D 13/076 (2006.01)**
[25] EN
[54] **GUTTER PROTECTION DEVICE AND GUTTER SYSTEM**
[54] **DISPOSITIF DE PROTECTION DE GOUTTIERE ET SYSTEME DE GOUTTIERE**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
[22] 2017-01-19
[41] 2017-07-19
[30] US (62/280,310) 2016-01-19

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[51] **Int.Cl. B25G 1/10 (2006.01) A46B 5/00 (2006.01) A46B 17/00 (2006.01) A47L 13/42 (2006.01) B25G 1/00 (2006.01)**
[25] EN
[54] **HANDLE FOR BROOM OR OTHER TOOL**
[54] **POIGNEE DESTINEE A UN BALAI OU UN AUTRE OUTIL**
[72] TOMM, ERWIN, US
[71] TOMM, ERWIN, US
[22] 2017-01-18
[41] 2017-07-19
[30] US (62/280689) 2016-01-19

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/20 (2012.01) G09B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING HYBRID INNOVATION AND LEARNING MANAGEMENT**
[54] **SYSTEME ET METHODE DE PRESTATION DE GESTION D'INNOVATION ET D'APPRENTISSAGE HYBRIDE**
[72] CHAGPAR, SALAR, CA
[72] MCDONOUGH, CAITLIN E., CA
[71] CHAGPAR AND ASSOCIATES, INC., CA
[22] 2017-01-18
[41] 2017-07-18
[30] US (15/000,004) 2016-01-18

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[13] A1
[51] **Int.Cl. A61M 21/00 (2006.01) A61B 5/02 (2006.01) A61B 5/0476 (2006.01) A61M 21/02 (2006.01) G06F 19/00 (2011.01) A61B 5/01 (2006.01) A61B 5/05 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **COMPUTER SYSTEM FOR DETERMINING A STATE OF MIND AND PROVIDING A SENSORY-TYPE ANTIDOTE TO A SUBJECT**
[54] **SYSTEME INFORMATIQUE SERVANT A DETERMINER L'ETAT D'ESPRIT ET A AMELIORER UN ANTIDOTE DE TYPE SENSORIEL POUR UN SUJET**
[72] SHERPA, TRUNGRAM GYALTRUL R., US
[72] CHEN, DAVID H.C., US
[71] SHERPA, TRUNGRAM GYALTRUL R., US
[71] CHEN, DAVID H.C., US
[22] 2017-01-19
[41] 2017-07-21
[30] US (15/003,732) 2016-01-21

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[13] A1
[51] **Int.Cl. A61G 13/02 (2006.01) A61G 13/06 (2006.01) A61G 13/08 (2006.01) A61G 15/02 (2006.01)**
[25] EN
[54] **MEDICAL EXAMINATION TABLE WITH RETRACTABLE MOVING WHEELS**
[54] **TABLE D'EXAMEN MEDICAL DOTE DE ROUES MOBILES RETRACTABLES**
[72] SMITH, ARTHUR D., US
[71] MIDMARK CORPORATION, US
[22] 2017-01-17
[41] 2017-07-21
[30] US (62/281,258) 2016-01-21
[30] US (15/405,428) 2017-01-13

[21] **2,955,308**
[13] A1
[51] **Int.Cl. B01F 15/04 (2006.01) B01F 3/02 (2006.01) G05D 11/00 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **GAS DILUTION SYSTEM**
[54] **SYSTEME DE DILUTION DE GAZ**
[72] ADAM, PETER, DE
[71] LINDE AG, DE
[22] 2017-01-17
[41] 2017-07-19
[30] DE (10 2016 000 518.1) 2016-01-19

[21] **2,955,447**
[13] A1
[51] **Int.Cl. H02P 6/08 (2016.01) H02K 11/215 (2016.01)**
[25] EN
[54] **ROTATION SPEED CONTROL SYSTEM AND METHOD FOR AN EC MOTOR**
[54] **SYSTEME DE CONTROLE DE VITESSE DE ROTATION ET METHODE DESTINEE A UN MOTEUR A COMMUTATION ELECTRONIQUE**
[72] MATTHEWS, DOUGLAS, CA
[72] BOUCHARD, CLAUDE, CA
[72] WOLSKE, NORA, CA
[71] CANARM LTD., CA
[22] 2017-01-19
[41] 2017-07-22
[30] US (62/281,813) 2016-01-22
[30] US (62/299,175) 2016-02-24
[30] US (62/318,478) 2016-04-05

[21] **2,955,450**
[13] A1
[51] **Int.Cl. A47J 43/00 (2006.01) A47J 17/14 (2006.01) B26D 3/11 (2006.01)**
[25] EN
[54] **FOOD PROCESSING APPARATUS**
[54] **APPAREIL DE TRAITEMENT DES ALIMENTS**
[72] HARRIS, E. MARK, US
[71] COLUMBIA INSURANCE COMPANY, US
[22] 2017-01-19
[41] 2017-07-19
[30] US (62/280,500) 2016-01-19
[30] US (15/266,419) 2016-09-15

[21] **2,955,466**
[13] A1
[51] **Int.Cl. H02G 3/04 (2006.01)**
[25] EN
[54] **ARTICULATING ON-FLOOR ELECTRIC POWER STRIP INCLUDING A CORD PROTECTOR AND CORD OUTLETS**
[54] **BANDE D'ALIMENTATION ELECTRIQUE ARTICULEE INTEGREE AU PLANCHER COMPORTANT UN PROTECTEUR DE CORDON ET DES PRISES**
[72] HANDLER, JORDAN, US
[71] HANDLER, JORDAN, US
[22] 2017-01-17
[41] 2017-07-18
[30] US (62/279,979) 2016-01-18

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[13] A1
[51] **Int.Cl. G07G 1/12 (2006.01)**
[25] EN
[54] **HIGH VELOCITY CHECKOUT TERMINAL**
[54] **TERMINAL DE VERIFICATION HAUTE VITESSE**
[72] RYNER, DOUGLAS JAHE, US
[72] VAN BRIGGLE, CHRISTOPHER RYAN, US
[72] CROW, BRUCE, US
[72] OSMON, JOSHUA DAVID, US
[71] WAL-MART STORES, INC., US
[22] 2017-01-20
[41] 2017-07-21
[30] US (62/281,498) 2016-01-21

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[13] A1
[51] **Int.Cl. A63B 22/00 (2006.01) A63B 21/00 (2006.01) A63B 23/02 (2006.01)**
[25] EN
[54] **CONDITIONING ROPE WITH EXCHANGE HANDLE**
[54] **CORDE DE MISE EN PLACE DOTEE D'UNE POIGNEE D'ECHANGE**
[72] PROUDIAN, VICTOR, CA
[71] PROUDIAN, VICTOR, CA
[22] 2017-01-19
[41] 2017-07-19
[30] US (62/280,239) 2016-01-19

[21] **2,955,515**
[13] A1
[51] **Int.Cl. G01P 3/02 (2006.01)**
[25] EN
[54] **SPEED ESTIMATION SYSTEMS**
[54] **SYSTEMES D'ESTIMATION DE LA VITESSE**
[72] LIU, LEI, US
[72] BRUCE, KYLE M., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2017-01-17
[41] 2017-07-20
[30] US (15/002,364) 2016-01-20

[21] **2,955,518**
[13] A1
[51] **Int.Cl. A47K 3/02 (2006.01) E06B 5/00 (2006.01)**
[25] EN
[54] **VERTICAL BATHTUB CLOSURE SYSTEMS AND METHODS**
[54] **MECANISMES DE FERMETURE DE BAIGNOIRE VERTICALE ET METHODES**
[72] MCKEE, DONALD FLOYD, US
[72] STAFFORD, CHRISTOPHER BRIAN, US
[71] SAFEWAY SAFETY STEP, LLC, US
[22] 2017-01-18
[41] 2017-07-19
[30] US (62/280,301) 2016-01-19
[30] US (15/407,723) 2017-01-17

[21] **2,955,520**
[13] A1
[51] **Int.Cl. E04B 1/343 (2006.01)**
[25] EN
[54] **MODULAR CONTAINMENT AND SCREENING SYSTEM**
[54] **SYSTEME DE CONFINEMENT ET FILTRATION MODULAIRE**
[72] CULLINAN, JAMES E., US
[72] O'RIORDAN, BRIAN P., US
[72] GAYDOS, PETER A., US
[71] CITYSCAPES INTERNATIONAL, INC., US
[22] 2017-01-19
[41] 2017-07-22
[30] US (62/281,938) 2016-01-22
[30] US (15/408,516) 2017-01-18

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[13] A1
[51] **Int.Cl. B62D 7/06 (2006.01)**
[25] EN
[54] **HYDRAULIC STABILIZING UNIT FOR STEER AXLES**
[54] **MODULE DE STABILISATION HYDRAULIQUE DESTINE A DES ESSIEUX DIRECTEURS**
[72] EVELEY, NICHOLAS, CA
[71] EVELEY, DAWN-MARIE, CA
[22] 2017-01-19
[41] 2017-07-19
[30] US (62/280,153) 2016-01-19

[21] **2,955,523**
[13] A1
[51] **Int.Cl. A43B 7/06 (2006.01)**
[25] EN
[54] **FOOTWEAR WITH FORCED AIR VENTING**
[54] **CHAUSSURE DOTEE D'AERATION FORCEE**
[72] AUDET, JEAN-PIERRE, CA
[71] CODET INC., CA
[22] 2017-01-20
[41] 2017-07-21
[30] US (15/411,590) 2017-01-20
[30] US (62/281,342) 2016-01-21

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[13] A1
[51] **Int.Cl. G01M 13/00 (2006.01) F01D 21/04 (2006.01) G01M 15/14 (2006.01) G01P 3/486 (2006.01)**
[25] EN
[54] **SHAFT SHEAR DETECTION THROUGH SHAFT OSCILLATION**
[54] **DETECTION DE CISAILLEMENT D'ARBRE PAR OSCILLATION DE L'ARBRE**
[72] HEYERMAN, JEFFREY BERNARD, CA
[72] SHENOUDA, ANTWAN, CA
[72] KRYNSKI, MICHAEL, CA
[72] TANG, POI LOON, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-01-18
[41] 2017-07-18
[30] US (14/997,913) 2016-01-18

[21] **2,955,528**
[13] A1
[51] **Int.Cl. B64D 31/14 (2006.01)**
[25] EN
[54] **DIGITAL COMMUNICATIONS BETWEEN AIRCRAFT COMPUTER AND ENGINE COMPUTER**
[54] **COMMUNICATION NUMERIQUE ENTRE UN ORDINATEUR D'AVION ET UN ORDINATEUR D'AUTO**
[72] SAARIO, TEUVO, CA
[72] PEDRAMI, REZA, CA
[72] MARTIN, AARON, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **SYSTEMES DE SURVEILLANCE DE VIBRATIONS**
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[71] SIMMONDS PRECISION PRODUCTS, INC., US
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[54] **SYSTEMES DE CONDUITE ANTI-DISTRACTION ET METHODES**
[72] MOIR, DAVID, CA
[72] WESTGARD, LANNY, CA
[72] LAPLANTE, PHIL, CA
[72] SUTTOR, GLEN, CA
[72] LORENSON, DEAN, CA
[71] 1943596 ALBERTA LTD., CA
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|54| **HAND-HELD SPREADER**
|54| **EPANDEUR MANUEL**
|72| ROSENBAUM, NEIL J., US
|72| RYAN, HOWARD S., US
|72| MARCONI, FRED A., JR., US
|71| CHAPIN MANUFACTURING, INC., US
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|51| **Int.Cl. F02N 11/00 (2006.01) F02N 11/14 (2006.01)**
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|54| **ELECTRIC STARTER MOTOR FOR A GAS ENGINE**
|54| **MOTEUR A DEMARRAGE ELECTRIQUE DESTINE A UN MOTEUR A ESSENCE**
|72| HANNAH, MARK E., US
|72| ESCHRICH, SVEN, US
|71| TECHTRONIC INDUSTRIES POWER EQUIPMENT, US
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|54| **SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE NETWORK**
|54| **SYSTEMES ET METHODES DESTINES A UN RESEAU DE VEHICULES MANIPULANT DES MATERIAUX**
|72| VANDERPOOL, JOSHUA D., US
|72| MAGILL, RYAN A., US
|72| ROGERS, NATHANIEL W., US
|72| CALLEA, JOSEPH K., US
|72| SMILEY, GREGORY, US
|72| CHARLES, SANDRA L., US
|72| DONAHUE, TIMOTHY E., US
|71| THE RAYMOND CORPORATION, US
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|54| **TROLLING MOTOR SYSTEM WITH LIFT ASSIST DEVICE**
|54| **MECANISME DE MOTEUR DE PECHE A LA TRAINE DOTE D'UN MECANISME D'AIDE AU LEVAGE**
|72| BERNLOEHR, DARREL A., US
|72| TUREK, CRAIG E., US
|71| JOHNSON OUTDOORS INC., US
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|30| US (62/281,580) 2016-01-21
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|54| **GAS TURBINE ENGINE ROTOR BLADE CASING**
|54| **BOITIER D'AUBE DE ROTOR DE TURBINE A GAZ**
|72| VETTCH, THOMAS, CA
|72| ANAND, KARAN, CA
|72| TOWNSEND, PETER, CA
|72| URAC, TIBOR, CA
|72| BROWNRIDGE, TERRY, CA
|71| PRATT & WHITNEY CANADA CORP., CA
|22| 2017-01-19
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|30| US (62/280,311) 2016-01-19

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|54| **DATABASE GRID SEARCH METHODS AND SYSTEMS**
|54| **METHODES ET SYSTEMES DE RECHERCHE DANS UN RESEAU DE BASES DE DONNEES**
|72| BOILEAU, MARIO, CA
|71| SOLUFY INFORMATION TECHNOLOGIES INC., CA
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|54| **RECLINER ASSEMBLY WITH IMPROVED CHUCK PERFORMANCE**
|54| **ENSEMBLE DE FAUTEUIL INCLINABLE A RENDEMENT D'AMORTISSEUR AMELIORE**
|72| RUNDE, DAVID M., US
|71| MAGNA SEATING INC., CA
|22| 2017-01-20
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|30| US (62/280,835) 2016-01-20

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[25] EN
[54] **CLUMPING ANIMAL LITTER AND METHOD THEREOF**
[54] **LITIERE AGGLOMERANTE POUR ANIMAUX ET METHODE ASSOCIEE**
[72] NGA, PERRY, US
[72] LYONS, DAVID, US
[72] DRIEF, AHMED, US
[72] LAWLER, KAITLIN, US
[71] THE CLOROX COMPANY, US
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[54] **ELECTRICAL SUBMERSIBLE MOTOR RADIAL SUPPORT BEARING**
[54] **PALIER D'APPUI RADIAL DE MOTEUR SUBMERSIBLE ELECTRIQUE**
[72] PARMETER, LARRY JAMES, US
[72] FREY, JEFFREY G., US
[72] LEAMY, BRETT D., US
[71] SUMMIT ESP, LLC, US
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[54] **LINING BOARD, LINING TILE AND METHOD FOR MANUFACTURING LINING BOARD**
[54] **PLANCHE DE DOUBLURE, CARREAU DE DOUBLURE ET METHODE DE FABRICATION DE PLANCHE DE DOUBLURE**
[72] TIROLA, SAMULI, FI
[71] STOFIX OY, FI
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[54] **POWER SUPPLY FOR A TOP DRIVE**
[54] **SOURCE D'ALIMENTATION DESTINEE A UN MECANISME D'ENTRAINEMENT SUPERIEUR**
[72] WERN, FRANK, DE
[72] AMEZAGA, FEDERICO, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **COLUMBARIUM WITH INNER OSSUARY**
[54] **COLOMBARIUM EQUIPE D'UN OSSUAIRE INTERNE**
[72] EICKHOF, PAUL M., US
[72] NOYES, STEPHEN, US
[72] TOLLEFSON, PETER, US
[72] HINES, BLAIR, US
[72] DEBOER, TOM, US
[71] EICKHOF COLUMBARIA, INC., US
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[54] **NETWORKED BOILERS AND CONTROL METHOD**
[54] **CHAUDIERES EN RESEAU ET METHODE DE COMMANDE**
[72] HARDESTY, RYAN JEREMY, US
[72] KARCH, DANIEL GEORGE, US
[72] KING, DAVID RALSTON, US
[72] CUNNINGHAM, OWEN ANDREW, US
[72] BUTT, NEIL DAMON, US
[72] SMITH, AARON SEVRIN, US
[72] CALABRO, JEFFREY JOHN, US
[71] THE MARLEY-WYLAIN COMPANY, US
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[25] EN
[54] **ROTARY SCANNER, OPTO-MECHANICAL ASSEMBLY THEREFORE, AND METHOD OF MODIFYING AN ELEVATION ANGLE OF AN OPTICAL BEAM**
[54] **SCANNER ROTATIF, DISPOSITIF OPTO-MECANIQUE ASSOCIE ET METHODE DE MODIFICATION D'UN ANGLE D'ELEVATION D'UN FAISCEAU OPTIQUE**
[72] LEDUC, BRUNO, CA
[72] DESNOYERS, NICHOLA, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
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[54] **COMPOSITE PANEL**
[54] **PANNEAU COMPOSITE**
[72] MCGUIRE, LUC, CA
[71] LMGTECH INC., CA
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[25] EN
[54] **PARKING SYSTEM**
[54] **SYSTEME DE STATIONNEMENT**
[72] LEE, GEORGE WING CHUNG, CN
[72] LEE, MAN WING, CN
[71] EFFECT PARKING LIMITED (HONG KONG), CN
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[54] **G-SHAPE ERGONOMIC T-SHIRT BAG HANDLE**
[54] **POIGNEE DE SAC DE COTON ERGONOMIQUE EN FORME DE G**
[72] CLOUTIER, BERNARD, CA
[71] CLOUTIER, BERNARD, CA
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[54] **VAPORISATEUR EN CERAMIQUE ET CIGARETTES ELECTRONIQUES COMPORTANT LE VAPORISATEUR EN CERAMIQUE**
[72] ZHU, XIAOCHUN, CN
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[54] **GLYCOCONJUGATE VACCINES COMPRISING BASIC UNITS OF A MOLECULAR CONSTRUCT EXPRESSING BUILT-IN MULTIPLE EPITOPES FOR THE FORMULATION OF A BROAD-SPECTRUM VACCINE AGAINST INFECTIONS DUE TO ENTEROPATHOGENIC BACTERIA**
[54] **VACCINS GLYCOCONJUGUES COMPRENANT DES MOTIFS DE BASE D'UN PRODUIT DE SYNTHESE MOLECULAIRE EXPRIMANT DES EPITOPES MULTIPLES INTEGRES POUR LA FORMULATION D'UN VACCIN A LARGE SPECTRECONTRE DES INFECTIONS DUES A DES BACTERIES ENTEROPATHOGENES**
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[54] **BALLONNETS REVETUS ET ENSEMBLES BALLONNETS REVETUS ET PROCEDES ASSOCIES D'UTILISATION ET DE FABRICATION**
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[72] WIERSDORF, JASON MATTHEW, US
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[72] WALL, ADAM, CA
[72] WHITTAKER, RAY, CA
[71] GENICS INC., CA
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[54] **STRUCTURE DE VALVULE PROTHETIQUE A DOUBLE BRIDE**
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[72] PETERSON, MATTHEW A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **AMELIORATIONS DE ROUTEUR**
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[72] LINTON, ANDREW, GB
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[54] **AMELIORATIONS D'APPAREIL DE ROUTAGE**
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[54] **SYSTEME ET PROCEDE PERMETTANT DE REDUIRE LES MICROBES EN SUSPENSION DANS L'AIR**
[72] PHILLIPS, JOE D., US
[72] AXTELL, STEPHEN P., US
[71] ZENTOX CORPORATION, US
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[54] **DISPOSITIFS ET METHODES DE REPARATION ET DE REMPLACEMENT DE LA VALVE MITRALE**
[72] SPENCE, PAUL A., US
[72] TOMPKINS, LANDON H., US
[71] MITRAL VALVE TECHNOLOGIES SARL, CH
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[25] EN
[54] **MULTICHANNEL CLIP DEVICE AND METHODS OF USE**
[54] **DISPOSITIF DE PINCE MULTICANAL ET METHODES D'UTILISATION**
[72] JIANG, GUANGQIANG, US
[72] WOOCK, JOHN, US
[72] SCHROEDER, DENNIS, US
[72] SCHMID, ERIC, US
[72] DANDLER, ANDRES, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **ANTI-INTERLEUKIN-33 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-INTERLEUKINE 33 ET LEURS UTILISATIONS**
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[72] HAZEN, MEREDITH, US
[72] HSIAO, YI-CHUN, US
[72] KHOSLA, RAJITA, US
[72] NAKAMURA, GERALD R., US
[72] SESHASAYEE, DHAYA, US
[72] XI, HONGKANG, US
[72] ZHAI, WENWU, US
[72] BEVERS, JACK, III, US
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[54] **DRY COMPOSITION FOR USE IN HAEMOSTASIS AND WOUND HEALING**
[54] **COMPOSITION SECHE DESTINEE A ETRE UTILISEE EN HEMOSTASE ET CICATRISATION DE PLAIE**
[72] LARSEN, KRISTIAN, DK
[72] JENSEN, FLEMMING REISSIG, DK
[72] MORTENSEN, MICHAEL WRANG, DK
[71] FERROSAN MEDICAL DEVICES A/S, DK
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[54] **IMPROVED LECITHIN DERIVED FROM HIGH-OLEIC SOYBEANS**
[54] **LECITHINE AMELIOREE ISSUE DE GRAINES DE SOJA A FORTE TENEUR EN ACIDE OLEIQUE**
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[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **MOTORIZED SUPRACHOROIDAL INJECTION OF THERAPEUTIC AGENT**
[54] **APPAREIL MOTORISE D'INJECTION SUPRACHOROIDALE D'UN AGENT THERAPEUTIQUE**
[72] PRICE, DANIEL W., US
[72] KHAN, ISAAC J., US
[72] OBERKIRCHER, BRENDAN J., US
[72] SOKHANVAR, SAEED, US
[72] YASEVAC, DANIEL J., US
[72] BRUEHWILER, MICHEL, US
[72] SOFFER, LEAH R., US
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[72] SUNGAIL, CRAIG MICHAEL, US
[72] CHEN, XIN, US
[72] KAUFMAN, JONATHAN HARRY, US
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[54] **SONDE DE VITRECTOMIE A DISPOSITIF DE BALAYAGE A FIBRES OPTIQUES**
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[71] NOVARTIS AG, CH
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[72] JOSEPH, KEITH, US
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[54] **IMPLANTS DOTES DE MOTIFS EN FORME DE RAINURES ET D'ELEMENTS DE FIXATION AUX TISSUS MOUS**
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[72] ZIMMERMAN, SARAH L., US
[72] STALCUP, GREGORY C., US
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[54] **COMPLEMENTS NUTRITIONNELS CONTENANT UN COMPOSANT PEPTIDIQUE ET UTILISATIONS ASSOCIEES**
[72] VAN TOL, ERIC A.F., NL
[72] SCHOEMAKER, MARIEKE H., NL
[72] GROSS, GABRIELE, NL
[72] LAMBERS, TEARTSE TIM, NL
[72] WIELINGA, PETER, NL
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[54] **COMPOSITIONS NUTRITIONNELLES CONTENANT UN PREBIOTIQUE ET DE LA LACTOFERRINE ET LEURS UTILISATIONS**
[72] CHICHLOWSKI, MACIEJ, US
[72] BERG, BRIAN, US
[72] JOUNI, ZEINA, US
[72] WITTKE, ANJA, US
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[72] DUGGAL, MANDEEP SINGH, GB
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[72] ANASTASIOU, ANTONIOS, GB
[72] BROWN, CHRISTIAN THOMAS ALCUIN, GB
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[54] **PRETRAITEMENT DE BIOMASSES LIGNOCELLULOSIQUES AVEC DES CHAMPIGNONS FILAMENTEUX POUR LA PRODUCTION DE BIOENERGIES**
[72] GIMBERT, ISABELLE, FR
[72] RAOUCHE, SANA, FR
[72] SIGOILLOT, JEAN-CLAUDE, FR
[72] ZHOU, SIMENG, FR
[72] ROUCHES, ELSA, FR
[72] CARRERE, HELENE, FR
[72] COPINET-LEGIN, ESTELLE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
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[72] RYAN, JOHN, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[54] **CHOCOLAT BLANC AYANT DES PROPRIETES AMELIOREES ET PROCEDES DE FABRICATION**
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[72] MACKEY, MARK S., US
[72] CHIANG, NANCY, US
[72] LUKASEWYCZ, LAURA D., US
[71] MARS, INCORPORATED, US
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[72] GAO, KUI, US
[72] LINNEN, JEFFREY M., US
[71] GEN-PROBE INCORPORATED, US
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[54] **PREPARATION D'UN MELANGE-MAITRE A BASE DE SOUFRE ET DE NANOCHARGES CARBONEES, LE MELANGE-MAITRE OBTENU ET SES UTILISATIONS**
[72] KORZHENKO, ALEXANDER, FR
[72] VINCENDEAU, CHRISTOPHE, FR
[72] AUBERT, THIERRY, FR
[71] ARKEMA FRANCE, FR
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[72] BURNS, DAVID JACK, US
[71] PECOFACET (US), INC., US
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[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[72] YIRAVA, WILLIAM A., US
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[71] AMERICAN STERILIZER COMPANY, US
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[54] **COMPOSE ANTIMYCOTIQUE**
[72] SUNOSE, MIHIRO, GB
[72] COLLEY, THOMAS CHRISTOPHER, GB
[72] ITO, KAZUHIRO, GB
[72] RAPEPORT, GARTH, GB
[72] STRONG, PETER, GB
[71] PULMOCIDE LIMITED, GB
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[54] **SOURIS TRANSGENIQUES**
[72] TENG, YUMIN, GB
[72] YOUNG, JOYCE, GB
[72] MCGUINNESS, BRIAN, GB
[72] ROMANOS, MIKE, GB
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[71] CRESCENDO BIOLOGICS LIMITED, GB
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[54] **PROCEDES AMELIORES POUR L'INACTIVATION D'ENTEROVIRUS ET L'ABSORPTION D'ADJUVANT ET COMPOSITIONS DE VACCIN A DOSES REDUITES OBTENUES AU MOYEN DE CES PROCEDES**
[72] DHERE, RAJEEV MHALASAKANT, IN
[72] PISAL, SAMBHAJI SHANKAR, IN
[72] ZADE, JAGDISH KAMALAJI, IN
[72] SABALE, RAJENDRA NARAYAN, IN
[71] SERUM INSTITUTE OF INDIA PRIVATE LIMITED, IN
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[54] **PROCEDE DE REDUCTION DE L'ACIDE CYANURIQUE DANS DES SYSTEMES D'EAU UTILISEE A DES FINS RECREATIVES**
[72] SHOWELL, MICHAEL S., US
[72] CARPENTER, RICHARD S., US
[72] GORSUCH, JOHN, US
[72] ROBERTS, JOSEPH, US
[72] BARTOLI, DAVID, US
[72] ROSENE, RICHARD, US
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[72] RIIKONEN, VILLE, FI
[71] SAVOX COMMUNICATIONS OY AB (LTD), FI
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[54] **SYSTEMES DE MIROIR VIRTUEL ET PROCEDES POUR L'APPRENTISSAGE ET/OU L'AIDE A DISTANCE D'UTILISATEURS DE LENTILLES DE CONTACT**
[72] CHAN, WAI KIIT, SG
[72] LEE, CHAE KWAN, KR
[72] CHEN, JUNRONG, SG
[72] CHENG, KAM YEE KAREN, CN
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **METHODS AND COMPOSITIONS FOR TARGETED NUCLEIC ACID SEQUENCING**
[54] **PROCEDES ET COMPOSITIONS DE SEQUENCAGE CIBLE D'ACIDES NUCLEIQUES**
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[72] SCHNALL-LEVIN, MICHAEL, US
[72] SAXONOV, SERGE, US
[72] HINDSON, BENJAMIN, US
[72] ZHENG, XINYING, US
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[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES (CAR) POUR CIBLER SELECTIVEMENT DES COMPLEXES PROTEIQUES**
[72] COOPER, LAURENCE J.N., US
[72] JENA, BIPULENDU, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **POSITIONNEMENT AUTOMATIQUE DE PATIENT A L'INTERIEUR D'UN SYSTEME DE CHIRURGIE OCULAIRE AU LASER**
[72] GONZALEZ, JAVIER G., US
[72] DEWEY, DAVID A., US
[72] BAREKET, NOAH, US
[72] CAMPOS, MICHAEL A., US
[72] CHEN, YU-TAI RAY, US
[72] SCOTT, DAVID D., US
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[54] **CELLULES DE MAMMIFERES EXPRIMANT DES ANTIGENES DU CYTOMEGALOVIRUS**
[72] CARFI, ANDREA, US
[72] CIFERRI, CLAUDIO, US
[72] HOFMANN, IRMGARD, CH
[72] LAUX, HOLGER, CH
[72] LILJA, ANDERS, AT
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[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
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[54] **METHODS AND COMPOSITIONS FOR DOSING IN ADOPTIVE CELL THERAPY**
[54] **PROCEDES ET COMPOSITIONS POUR DOSAGE EN THERAPIE CELLULAIRE ADOPTIVE**
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[71] JUNO THERAPEUTICS, INC., US
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[54] **NITRIFICATION INHIBITOR COMPOSITIONS AND METHODS OF MAKING THEREOF**
[54] **COMPOSITIONS INHIBITRICES DE LA NITRIFICATION ET PROCEDES DE FABRICATION ASSOCIES**
[72] GABRIELSON, KURT, US
[72] WERTZ, STACEY, US
[72] BOBECK, DREW, US
[72] SUTTON, ALLEN, US
[71] KOCH AGRONOMIC SERVICES, LLC, US
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[54] **INCORPORATION D'ACIDES AMINES NON NATURELS DANS DES PROTEINES**
[72] CHIN, JASON W., GB
[72] SCHMIED, WOLFGANG H., GB
[72] ELSASSER, SIMON J., GB
[72] KYM, EUGENE Y., GB
[71] MEDICAL RESEARCH COUNCIL, GB
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[54] **SERPIN FUSION POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES DE FUSION DE SERPINE ET LEURS PROCEDES D'UTILISATION**
[72] ECKELMAN, BRENDAN P., US
[72] TIMMER, JOHN C., US
[72] DEVERAUX, QUINN, US
[71] INHIBRX LP, US
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[54] **LID AND METHOD FOR SEALING A NON-MAGNETIC PACKAGE**
[54] **COUVERCLE ET PROCEDE POUR SCELLER UN EMBALLAGE NON MAGNETIQUE**
[72] KAPUSTA, CHRISTOPHER, US
[72] AIMI, MARCO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-04-20
[86] 2015-10-27 (PCT/US2015/057534)
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[54] **MIXED SPHEROIDS OF MELANOCYTES AND KERATINOCYTES**
[54] **SPHEROIDES MIXTES DE MELANOCYTES ET DE KERATINOCYTES**
[72] NORLUND, MARINE, FR
[72] DUCOMMUN, BERNARD, FR
[72] BEDOS, PHILIPPE, FR
[72] LOBJOIS, VALERIE, FR
[71] SYNTIVIA, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE TOULOUSE, FR
[71] UNIVERSITE PAUL SABATIER - TOULOUSE III, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **ISOLEMENT CONTINU INTEGRE DE FLUX DE FLUIDES PROVENANT DE CUVES DE TRAITEMENT STERILE**
[72] SNOW, ROBERT, US
[71] GENZYME CORPORATION, US
[85] 2017-04-21
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[54] **CARBAZOLE DERIVATIVES**
[54] **DERIVES DE CARBAZOLE**
[72] AHMAD, SALEEM, US
[72] BATT, DOUGLAS G., US
[72] LIU, QINGJIE, US
[72] MACOR, JOHN E., US
[72] TINO, JOSEPH A., US
[72] WATTERSON, SCOTT HUNTER, US
[72] NAIR, SATHEESH KESAVAN, IN
[72] MAISHAL, TARUN KUMAR, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057077)
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[54] **IMPROVED IL-6 ANTIBODIES**
[54] **ANTICORPS ANTI-IL-6 AMELIORES**
[72] SCHMIDT, MICHAEL MARCH, US
[72] TISDALE, ALISON, US
[72] FURFINE, ERIC STEVEN, US
[72] ZARBIS-PAPASTOITSIS, GRIGORIOS, US
[71] ELEVEN BIOTHERAPEUTICS, INC., US
[85] 2017-04-24
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[54] **CD3/CD38 T CELL RETARGETING HETERO-DIMERIC IMMUNOGLOBULINS AND METHODS OF THEIR PRODUCTION**
[54] **IMMUNOGLOBULINES HETERO-DIMERES RECIBLANT DES LYMPHOCYTES T CD3/CD38 ET LEURS PROCEDES DE PRODUCTION**
[72] OLLIER, ROMAIN, CH
[72] HOU, SAMUEL, CH
[72] LISSILAA, RAMI, CH
[72] SKEGRO, DARKO, CH
[72] BACK, JONATHAN, CH
[71] GLENMARK PHARMACEUTICALS S.A., CH
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[54] **BICYCLIC PEPTIDE LIGANDS SPECIFIC FOR MT1-MMP**
[54] **LIGANDS PEPTIDIQUES BICYCLIQUES SPECIFIQUES DE MT1-MMP**
[72] TEUFEL, DANIEL PAUL, GB
[72] STACE, CATHERINE LUCY, GB
[72] PAVAN, SILVIA, GB
[72] WALKER, EDWARD, GB
[72] BALDASSARRE, LEONARDO, GB
[71] BICYCLE THERAPEUTICS LIMITED, GB
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[54] **METHOD OF SYNTHESISING ADCS USING AFFINITY RESINS**
[54] **PROCEDE DE SYNTHESE DE CAM AU MOYEN DE RESINES D'AFFINITE**
[72] EVANS, DAVID JOHN, GB
[72] MCKEE, COLIN MARTIN, GB
[71] ADC BIOTECHNOLOGY LTD, GB
[85] 2017-04-26
[86] 2015-10-27 (PCT/GB2015/053218)
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[54] **METHOD FOR PRODUCING A COOKED FOOD PRODUCT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT ALIMENTAIRE CUIT**
[72] SALSEDO, LUC, FR
[71] SALSEDO, LUC, FR
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[54] **CUVE POUR LA FERMENTATION DU VIN**
[72] GHIDI, PIETRO, IT
[72] GHIDI, MARCO, IT
[72] GHIDI, PIER PAOLO, IT
[71] U.G.C. SAS DI GHIDI PIETRO & C., IT
[85] 2017-04-26
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[54] **TRANSPOSASE COMPOSITIONS FOR REDUCTION OF INSERTION BIAS**
[54] **COMPOSITIONS DE TRANSPOSASE POUR LA REDUCTION DU BIAIS D'INSERTION**
[72] GLOECKNER, CHRISTIAN, DE
[72] KIA, AMIRALI, US
[72] HE, MOLLY, US
[72] OSOTHPRAROP, TRINA FAYE, US
[72] STEEMERS, FRANK J., US
[72] GUNDERSON, KEVIN L., US
[72] AMINI, SASAN, US
[72] JENDRISAK, JEROME, US
[71] ILLUMINA, INC., US
[85] 2017-04-26
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[54] **PREBIOTIC COMPOSITION AND ITS METHOD OF PRODUCTION**
[54] **COMPOSITION PREBIOTIQUE ET SON PROCEDE DE PRODUCTION**
[72] O'HARA, STEPHEN PATRICK, GB
[72] KOLIDA, SOFIA, GB
[71] OPTIBIOTIX LIMITED, GB
[85] 2017-04-27
[86] 2015-11-05 (PCT/GB2015/053349)
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[54] **PALATABLE DRY CAT FOODS AND METHODS FOR PREPARATION THEREOF**
[54] **ALIMENTS POUR CHATS SECS ET APPETENTS ET PROCEDES POUR LES PREPARER**
[72] BLANVILLE-ONNO, MARINE, FR
[72] LACOTTE, CAROLINE, FR
[72] DE RATULD, AURELIE, FR
[71] SPECIALITES PET FOOD, FR
[85] 2017-04-27
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[71] OPTIBIOTIX LIMITED, GB
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[25] EN
[54] **NON-MAGNETIC PACKAGE AND METHOD OF MANUFACTURE**
[54] **EMBALLAGE AMAGNETIQUE ET SON PROCEDE DE FABRICATION**
[72] KAPUSTA, CHRISTOPHER JAMES, US
[72] AIMI, MARCO FRANCESCO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-04-27
[86] 2015-10-27 (PCT/US2015/057517)
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[54] **ADDITIVE MANUFACTURING OF PIPES**
[54] **FABRICATION ADDITIVE DE TUYAUX**
[72] FLEISCHER, COREY A., US
[72] ASCARI, MATTHEW B., US
[72] GAIGLER, RANDY L., US
[72] POPPEK, MICHAEL W., US
[72] WAICUKAUSKI, JAMES A., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2017-04-27
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[25] EN
[54] **TRANSMITT'NG APPARATUS, RECEIVING APPARATUS AND CONTROLLING METHOD THEREOF**
[54] **APPAREIL D'EMISSION, APPAREIL DE RECEPTION, ET LEUR PROCEDE DE COMMANDE**
[72] HWANG, SUNG-HEE, KR
[72] LEE, HAK-JU, KR
[72] YANG, HYUN-KOO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-05-01
[86] 2015-11-11 (PCT/KR2015/012131)
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[30] US (62/077,970) 2014-11-11
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[54] **MIXED BED ION EXCHANGE ADSORBER**
[54] **ADSORBANT POUR ECHANGE D'IONS A LITS MIXTES**
[72] STONE, MATTHEW T., US
[72] AMARA, JOHN P., US
[71] EMD MILLIPORE CORPORATION, US
[85] 2017-05-01
[86] 2015-09-30 (PCT/US2015/053140)
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[25] EN
[54] **EXTRUDED PET FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE EXTRUDE POUR ANIMAUX DE COMPAGNIE**
[72] DANSET, GAETAN, FR
[72] DRELON, NICOLAS, FR
[72] ECOCHARD, CLAUDE, FR
[71] MARS, INCORPORATED, US
[85] 2017-05-02
[86] 2015-11-03 (PCT/EP2015/075648)
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[25] EN
[54] **METHODS OF PRODUCING TWO CHAIN PROTEINS IN BACTERIA**
[54] **PROCEDES DE PRODUCTION DE PROTEINES A DEUX CHAINES DANS DES BACTERIES**
[72] GIULIANOTTI, JAMES, US
[72] REILLY, DOROTHEA, US
[71] GENENTECH, INC., US
[85] 2017-05-01
[86] 2015-11-05 (PCT/US2015/059339)
[87] (WO2016/073791)
[30] US (62/075,792) 2014-11-05
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[54] **IMPROVED ADJUSTABLE MODULAR SPACER DEVICE FOR THE ARTICULATION OF THE KNEE**
[54] **DISPOSITIF MODULAIRE ESPACEUR AJUSTABLE AMELIORE POUR L'ARTICULATION DU GENOU**
[72] CAPPELLETTI, AVA, IT
[71] CAPPELLETTI, AVA, IT
[85] 2017-05-02
[86] 2015-11-05 (PCT/IT2015/000266)
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[25] EN
[54] **METHODS OF PRODUCING TWO CHAIN PROTEINS IN BACTERIA**
[54] **PROCEDES DE PRODUCTION DE PROTEINES A DEUX CHAINES DANS DES BACTERIES**
[72] GIULIANOTTI, JAMES, US
[72] REILLY, DOROTHEA, US
[72] AURORI, KIERAN, US
[72] SIMMONS, LAURA C., US
[71] GENENTECH, INC., US
[85] 2017-05-01
[86] 2015-11-05 (PCT/US2015/059342)
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[25] EN
[54] **MEDIA PRESENTATION MODIFICATION USING AUDIO SEGMENT MARKING**
[54] **MODIFICATION DE PRESENTATION MULTIMEDIA A L'AIDE DE MARQUAGE DE SEGMENT AUDIO**
[72] DOERRING, NICHOLAS DANIEL, US
[71] OPENTV, INC., US
[85] 2017-05-02
[86] 2015-10-22 (PCT/US2015/057002)
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[51] **Int.Cl. H01G 11/62 (2013.01) H01M 10/056 (2010.01) G02F 1/167 (2006.01)**
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[54] **ELECTROLYTIC COMPOSITIONS BASE ON MIXED ALKYL QUARTENARY AMMONIUM OR PHOSPHONIUM SALTS FOR ELECTRIC ENERGY STORAGE AND GENERATION DEVICES**
[54] **COMPOSITIONS ELECTROLYTIQUES BASEES SUR DES SELS D'AMMONIUM OU DE PHOSPHONIUM QUATERNAIRES D'ALKYLE MELANGES POUR DISPOSITIFS DE STOCKAGE ET DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] VERMEULEN, PAUL, NL
[72] ALLEN, CRAIG, US
[72] LITTLE, CHARLES B., US
[71] SACHEM, INC., US
[85] 2017-05-02
[86] 2015-11-03 (PCT/US2015/058757)
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[30] US (62/074,190) 2014-11-03

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[54] **USER INTERFACE FOR SECURITY PROTECTION AND REMOTE MANAGEMENT OF NETWORK ENDPOINTS**
[54] **INTERFACE UTILISATEUR POUR LA PROTECTION DE SECURITE ET LA GESTION A DISTANCE DE POINTS D'EXTREMITE DE RESEAU**
[72] CEBERE, BOGDAN-CONSTANTIN, RO
[72] ACHIM, IOAN-ALEXANDRU, RO
[72] PADINA, MIRELA-LUIZA, RO
[72] MIRON, MONICA-MARIA, RO
[72] STAN, COSMIN-CLAUDIU, RO
[72] ALBISTEANU, CATALINA, RO
[72] BERTE, DAN-RADU, RO
[72] DUMITRACHE, BOGDAN-TEODOR, RO
[72] MIRCESCU, DANIEL-ALEXANDRU, RO
[72] NOVAC, ALEXANDRU, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **SYSTEM AND METHOD FOR ASSIGNING FREQUENCY RESOURCES IN A THREE-HOP REPEATER**
[54] **SYSTEME ET PROCEDE D'ATTRIBUTION DE RESSOURCES DE FREQUENCE DANS UN REPETEUR A TROIS BONDS**
[72] LOTTER, MICHIEL PETRUS, US
[71] NEXTIVITY, INC., US
[85] 2017-05-02
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[54] **WIRELESS LOCAL AREA NETWORK THROUGHPUT ESTIMATION**
[54] **ESTIMATION DU DEBIT D'UN RESEAU LOCAL SANS FIL**
[72] KIM, YOUHAN, US
[72] JIA, ZHANFENG, US
[72] KATAR, SRINIVAS, US
[72] MALIK, RAHUL, US
[72] SUNDARARAJAN, JAY KUMAR, US
[72] MEYLAN, ARNAUD, US
[72] ZHANG, NING, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
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[54] **QUICK-OPENING VENT VALVE FOR PHACO FLUIDICS ASPIRATION SYSTEM**
[54] **VANNE DE DETENTE A OUVERTURE RAPIDE POUR SYSTEME D'ASPIRATION PHACO-FLUIDIQUE**
[72] LAYSER, GREGORY S., US
[72] WHITE, DANIEL G., US
[72] YALAMANCHILI, SATISH, US
[71] NOVARTIS AG, CH
[85] 2017-05-02
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[54] **SEISMIC ACQUISITION METHODS**
[54] **PROCEDES D'ACQUISITION SISMIQUE**
[72] BRENDERS, ANDREW JAMES, US
[72] DELLINGER, JOSEPH ANTHONY, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **SYSTEMS AND METHODS FOR SECURING NETWORK ENDPOINTS**
[54] **SYSTEMES ET PROCEDES POUR SECURISER DES POINTS D'EXTREMITE DE RESEAU**
[72] CEBERE, BOGDAN-CONSTANTIN, RO
[72] ACHIM, IONA-ALEXANDRU, RO
[72] STAN, COSMIN-CLAUDIU, RO
[72] RUSU, ANDREI, RO
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[54] **SYSTEMS AND METHODS FOR AUTOMATIC DEVICE DETECTION, DEVICE MANAGEMENT, AND REMOTE ASSISTANCE**
[54] **SYSTEMES ET PROCEDES DE DETECTION AUTOMATIQUE DE DISPOSITIF, DISPOSITIF DE GESTION, ET ASSISTANCE A DISTANCE**
[72] CEBERE, BOGDAN-CONSTANTIN, RO
[72] ACHIM, IOAN-ALEXANDRU, RO
[72] STAN, COSMIN-CLAUDIU, RO
[72] RUSU, ANDREI, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **PEPTIDE-MEDIATED DELIVERY OF RNA-GUIDED ENDONUCLEASE INTO CELLS**
[54] **ADMINISTRATION MEDIEE PAR UN PEPTIDE D'ENDONUCLEASE GUIDEE PAR UN ARN DANS DES CELLULES**
[72] FRISCH, RYAN L., US
[72] FAN, XIAOCHUN, US
[72] HONG, SEUNG-PYO, US
[72] JACKSON, ETHEL NOLAND, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PIGMENTS BASED ON LISBO3 AND LINBO3 RELATED STRUCTURES**
[54] **PIGMENTS A BASE DE LISBO3 ET STRUCTURES APPARENTEES AU LINBO3**
[72] YUHASZ, WILLIAM M., US
[71] THE SHEPHERD COLOR COMPANY, US
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[54] **GROUP COMMUNICATION FUNCTION FOR DELIVERING GROUP COMMUNICATION MESSAGES IN COMMUNICATION NETWOKS**
[54] **FONCTION DE COMMUNICATION DE GROUPE PERMETTANT DE DISTRIBUER DES MESSAGES DE COMMUNICATION DE GROUPE DANS DES RESEAUX DE COMMUNICATION**
[72] BHALLA, RAJESH, US
[71] ZTE CORPORATION, CN
[85] 2017-05-03
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[54] **PERCUTANEOUS IMPLANTABLE NUCLEAR PROSTHESIS**
[54] **PROTHESE NUCLEAIRE IMPLANTABLE PERCUTANEE**
[72] HIBRI, NADI S., US
[72] LUTZ, JAMES D., US
[71] SPINAL STABILIZATION TECHNOLOGIES LLC, US
[85] 2017-05-03
[86] 2015-11-04 (PCT/US2015/058976)
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[25] EN
[54] **SYSTEM AND METHOD FOR SELECTING AN OPERATOR TO BOOST IN A REPEATER**
[54] **SYSTEME ET PROCEDE DE SELECTION D'UN OPERATEUR POUR AMPLIFIER UN SIGNAL DANS UN REPETEUR**
[72] LOTTER, MICHIEL PETRUS, US
[71] NEXTIVITY, INC., US
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[86] 2015-11-06 (PCT/US2015/059602)
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[25] EN
[54] **TRAFFIC ADVERTISEMENT IN NEIGHBOR AWARE NETWORK (NAN) DATA PATH**
[54] **ANNONCE DE TRAFIC DANS UN CHEMIN DE DONNEES DE RESEAU SENSIBLE AU VOISINAGE (NAN)**
[72] PATIL, ABHISHEK PRAMOD, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD OF DETECTING A JAMMING TRANSMITTER AFFECTING A COMMUNICATION USER EQUIPMENT**
[54] **PROCEDE DE DETECTION D'UN EMETTEUR DE BROUILLAGE PERTURBANT UN EQUIPEMENT D'UTILISATEUR DE COMMUNICATION**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[71] GEMALTO M2M GMBH, DE
[85] 2017-05-04
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[25] EN
[54] **POLYPEPTIDE FOR THE ENZYMATIC DETOXIFICATION OF ZEARALENONE, ISOLATED POLYNUCLEOTIDE, AND ASSOCIATED ADDITIVE, USE AND METHOD**
[54] **POLYPEPTIDE DESTINE A LA DETOXICATION ENZYMATIQUE DU ZEARALENONE, POLYNUCLEOTIDE ISOLE, ET ADDITIF, UTILISATION ET PROCEDE Y RELATIF**
[72] TORRES ACOSTA, JEAN ANTONIO, AT
[72] ADAM, GERHARD, AT
[72] KUNZ-VEKIRU, ELISAVET, AT
[72] MOLL, WULF-DIETER, AT
[72] MITTERBAUER, RUDOLF, AT
[72] SCHMEITZL, CLEMENS, AT
[71] ERBER AKTIENGESELLSCHAFT, AT
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[54] **DOWNHOLE LINEAR SOLENOID ACTUATOR SYSTEM**
[54] **SYSTEME D'ACTIONNEUR LINEAIRE A ELECTROAIMANT DE FOND DE PUITS**
[72] CHU, JIANYING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-05-04
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[54] **MULTI-PHASE FLUID FRACTION MEASUREMENT**
[54] **MESURE DE FRACTION DE FLUIDE MULTIPHASE**
[72] SHARMA, PRAFULL, IN
[72] SHEILA-VADDE, APARNA CHAKRAPANI, IN
[72] BHAT, SUMA MEMANA NARAYANA, IN
[72] MELAPUDI, VIKRAM, IN
[71] GENERAL ELECTRIC COMPANY, US
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[54] **GAS-INFUSED FLUIDS AND METHODS OF MAKING AND USING SAME**
[54] **FLUIDES A GAZ INFUSE ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] MACKENZIE, MAX, US
[72] ARCHIBALD, JOHN H., US
[71] MACKENZIE, MAX, US
[71] ARCHIBALD, JOHN H., US
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[51] **Int.Cl. A61F 13/32 (2006.01)**
[25] EN
[54] **COMPACT TAMPON APPLICATOR WITH TWO-PIECE PLUNGER**
[54] **APPLICATEUR DE TAMPON COMPACT MUNI DE PISTON EN DEUX PARTIES**
[72] BUELL, SEZEN, US
[72] FEDORA, JOSEPH, US
[72] MCCANDLESS, JAMES, US
[72] MOHAMED, HASSAN, US
[72] PREISNER, PETER, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2017-05-04
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[51] **Int.Cl. G01V 1/30 (2006.01) G01V 1/20 (2006.01)**
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[54] **SEISMIC ACQUISITION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ACQUISITION SISMIQUE**
[72] BRENDERS, ANDREW JAMES, US
[72] DELLINGER, JOSEPH ANTHONY, US
[72] ZHOU, MIN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **METHOD AND SYSTEM FOR MONITORING AND COMMUNICATING FILL RATE OF CONTAINER**
[54] **PROCEDE ET SYSTEME SERVANT A SURVEILLER ET A COMMUNIQUER LA VITESSE DE REMPLISSAGE D'UN RECIPIENT**
[72] KEKALAINEN, FREDRIK, FI
[71] ENEVO OY, FI
[85] 2017-05-05
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[54] **CHAOTROPE- AND VOLATILE-FREE METHOD FOR PURIFYING NUCLEIC ACIDS FROM PLASMA**
[54] **METHODE SANS AGENTS CHAOTROPIQUES NI COMPOSES VOLATILS POUR LA PURIFICATION D'ACIDES NUCLEIQUES ISSUS DE PLASMA**
[72] OSBURN, WILLIAM O., US
[72] RAY, STUART C., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2017-05-05
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[54] **HETEROZYGOUS MODIFICATIONS OF TUMOR SUPPRESSOR GENES**
[54] **MODIFICATIONS HETEROZYGOTES DE GENES SUPPRESSEURS DE TUMEUR**
[72] BIGGAR, ADRIENNE LEIGH, US
[72] CARLSON, DANIEL F., US
[72] FAHRENKRUG, SCOTT C., US
[71] RECOMBINETICS, INC., US
[85] 2017-05-05
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[54] **ASSISTIVE DEVICE FOR A CARDIAC VALVE**
[54] **DISPOSITIF D'ASSISTANCE POUR UNE VALVULE CARDIAQUE**
[72] NAOR, GIL, IL
[72] NETA, YIFTAH, IL
[72] GEVA, AVNER, IL
[71] MITRASSIST MEDICAL LTD., IL
[85] 2017-05-10
[86] 2015-11-17 (PCT/IL2015/051105)
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[54] **POLYNUCLEOTIDE AMPLIFICATION USING CRISPR-CAS SYSTEMS**
[54] **ENRICHISSEMENT POLYNUCLEOTIDIQUE A L'AIDE DE SYSTEMES CRISPR-CAS**
[72] MANDELL, JEFFREY G., US
[71] ILLUMINA, INC., US
[85] 2017-05-10
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[54] **HEPATITIS B VIRUS (HBV) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI CONTRE LE VIRUS DE L'HEPATITE B (VHB) ET METHODES D'UTILISATION DE CELLES-CI**
[72] HINKLE, GREGORY, US
[72] SEPP-LORENZINO, LAURA, US
[72] JADHAV, VASANT, US
[72] MAIER, MARTIN, US
[72] MILSTEIN, STUART, US
[72] MANOHARAN, MUTHIAH, US
[72] RAJEEV, KALLANTHOTTATHIL G., US
[71] ALNYLAM PHARMACEUTICALS, INC., US
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[25] EN
[54] **COMPOSITION FOR TREATMENT AND PREVENTATIVE OF THE HUMAN PAPILLOMA VIRUS HPV INFECTION, ULCERATIONS AND BOILS**
[54] **COMPOSITION DE TRAITEMENT ET DE PREVENTION D'INFECTION, ULCERATIONS ET FURONCLES ATTRIBUABLES AU VIRUS DU PAPILLOME HUMAIN (VPH)**
[72] ALESSA, NADIAH ABDULKARIM A., SA
[71] ALESSA, NADIAH ABDULKARIM A., SA
[85] 2017-05-17
[86] 2016-01-18 (PCT/SA2016/000001)
[87] (2967506)

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[25] EN
[54] **AN ORTHOTIC AND A METHOD OF MAKING AN ORTHOTIC**
[54] **ORTHESE ET PROCEDE DE FABRICATION D'UNE ORTHESE**
[72] CHARLESWORTH, IAIN, GB
[72] PLUSE, CHRIS, GB
[72] EARDLEY, DAVID, GB
[72] WALLACE, LEIGH, GB
[72] PALLARI, JARI, GB
[71] PEACOCKS ORTHOTICS LIMITED, GB
[85] 2017-05-11
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[30] GB (1420201.4) 2014-11-13
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[51] **Int.Cl. A61F 13/20 (2006.01) A61F 13/551 (2006.01)**
[25] EN
[54] **METHOD OF SHAPING A TAMPON FOR FEMININE HYGIENE**
[54] **PROCEDE DE FACONNAGE D'UN TAMPON HYGIENIQUE**
[72] PELLEY, KENNETH A., US
[71] JOHNSON & JOHNSON GMBH, DE
[85] 2017-05-11
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[54] **EXTENDED BETULINIC ACID ANALOGS**
[54] **ANALOGUES DE L'ACIDE BETULINIQUE ADMINISTRES SUR UNE PERIODE PROLONGEE**
[72] SIT, SING-YUEN, US
[72] CHEN, JIE, US
[72] CHEN, YAN, US
[72] SWIDORSKI, JACOB, US
[72] REGUEIRO-REN, ALICIA, US
[72] MEANWELL, NICHOLAS A., US
[71] VIIV HEALTHCARE UK (NO.5) LIMITED, GB
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[54] **OXOLUPENE DERIVATIVES**
[54] **DERIVES D'OXOLUPENE**
[72] REGUEIRO-REN, ALICIA, US
[72] LIU, ZHENG, US
[72] SWIDORSKI, JACOB, US
[72] MEANWELL, NICHOLAS A., US
[71] VIIV HEALTHCARE UK (NO.5) LIMITED, GB
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[54] **C17-ARYL SUBSTITUTED BETULINIC ACID ANALOGS**
[54] **ANALOGUES DE L'ACIDE BETULINIQUE SUBSTITUES PAR ARYLE EN C17**
[72] SIN, NY, US
[72] CHEN, YAN, US
[72] SIT, SING-YUEN, US
[72] CHEN, JIE, US
[72] REGUEIRO-REN, ALICIA, US
[72] MEANWELL, NICHOLAS A., US
[71] VIIV HEALTHCARE UK (NO.5) LIMITED, GB
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[25] EN
[54] **SOLVENT-FREE PROCESS FOR OBTAINING PHOSPHOLIPIDS AND NEUTRAL ENRICHED KRILL OILS USING MELTING AND EVAPORATION**
[54] **PROCEDE SANS SOLVANT D'OBTENTION D'HUILES DE KRILL ENRICHIES EN PHOSPHOLIPIDES ET EN LIPIDES NEUTRES PAR FUSION ET PAR EVAPORATION**
[72] SCLABOS KATEVAS, DIMITRI, CL
[72] TORO GUERRA, RAUL, CL
[71] THAROS LTD., CL
[85] 2017-05-12
[86] 2015-11-13 (PCT/IB2015/058789)
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[30] US (62/079,864) 2014-11-14

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[25] EN
[54] **DEGASSING SYSTEM AND DEVICE FOR DEGASSING LIQUID SULFUR**
[54] **SYSTEME DE DEGAZAGE ET DISPOSITIF DE DEGAZAGE DE SOUFRE LIQUIDE**
[72] GROVES, BRIAN NATHANIEL GREENWAY, US
[72] FORBES, BRANDON W., US
[72] WILLINGHAM, THOMAS C., US
[71] CONTROLS SOUTHEAST, INC., US
[85] 2017-05-12
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[25] EN
[54] **DISPOSABLE CARTRIDGE FILLED WITH A SINGLE SERVE PORTION OF A LIQUID INGREDIENT TO BE COMBINED WITH A BASE LIQUID FOR THE PREPARATION OF A LIQUID PRODUCT**
[54] **CARTOUCHE JETABLE REMPLIE D'UNE PORTION A USAGE UNIQUE D'UN INGREDIENT LIQUIDE A COMBINER AVEC UN LIQUIDE DE BASE POUR LA PREPARATION D'UN PRODUIT LIQUIDE**
[72] VAN DE SLUIS, JASPER JACOBUS, NL
[72] VERBEEK, ROLAND WALDEMAR, NL
[71] APIQE HOLDINGS, LLC, US
[85] 2017-05-15
[86] 2015-11-17 (PCT/US2015/061126)
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[54] **SHAPE MEMORY ALLOY ORTHOPEDIC IMPLANT**
[54] **IMPLANT ORTHOPEDIQUE EN ALLIAGE A MEMOIRE DE FORME**
[72] MA, JI, US
[72] GUNDANNA, MUKUND L., US
[72] KARAMAN, IBRAHIM, US
[72] SRINIVASA, ARUN R., US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2017-05-15
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[54] **SURGICAL HAND PIECE WITH INTEGRATED PRESSURE SENSOR**
[54] **PIECE A MAIN CHIRURGICALE AVEC CAPTEUR DE PRESSION INTEGRE**
[72] CHON, JAMES YONG, US
[72] MAURER, ROBERT STEPHEN, JR., US
[72] YALAMANCHILI, SATISH, US
[71] NOVARTIS AG, CH
[85] 2017-05-15
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[25] EN
[54] **LOW-COST DRIVER CIRCUIT WITH IMPROVED POWER FACTOR**
[54] **CIRCUIT D'ATTAQUE A FAIBLE COUT A FACTEUR DE PUISSANCE AMELIORE**
[72] CHEN, TIMOTHY, US
[72] HAAS, DANIEL ALBERT, US
[71] TECHNICAL CONSUMER PRODUCTS, INC., US
[85] 2017-05-19
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[51] **Int.Cl. F24F 1/20 (2011.01) F24F 11/02 (2006.01)**
[25] EN
[54] **INVERTER AIR CONDITIONER CONTROL DEVICE, TERMINAL, SYSTEM AND METHOD BASED ON TERMOLATOR**
[54] **DISPOSITIF DE COMMANDE DE CONDITIONNEUR D'AIR A INVERSEUR, SYSTEME ET METHODE FONDES SUR UN THERMOLATOR**
[72] GUI, DAFA, CN
[71] GUANGDONG MIDEA REFRIGERATION APPLIANCES CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2017-05-26
[86] 2016-01-27 (PCT/CN2016/072321)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF MULTIPLE SCLEROSIS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] KANDULA, MAHESH, IN
[71] CELLIX BIO PRIVATE LIMITED, IN
[85] 2017-05-30
[86] 2015-08-11 (PCT/IN2015/000319)
[87] (WO2016/088132)
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[54] **NEUTRALIZATION OF ODORS**
[54] **NEUTRALISATION D'ODEURS**
[72] SADOVSKY, SHMUEL, IL
[72] BACH, URI, IL
[71] SADOVSKY LTD., IL
[85] 2017-06-01
[86] 2015-12-07 (PCT/IL2015/051186)
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[54] **CLEANING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE**
[72] MATTA, JOHN J., US
[72] NGUYEN, TUAN, US
[72] BUI, HUYEN PHUONG, US
[71] MEDIVATORS INC., US
[85] 2017-06-02
[86] 2015-12-18 (PCT/US2015/066686)
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[25] FR
[54] **FUNCTIONAL OR TELECHELIC POLYOLEFIN, DERIVATIVES THEREOF, AND PROCESS FOR PREPARING SAME**
[54] **POLYOLEFINE FONCTIONNELLE OU TELECHELIQUE, SES DERIVES, ET SON PROCEDE DE PREPARATION**
[72] NORSIC, SEBASTIEN, FR
[72] D'AGOSTO, FRANCK, FR
[72] BOISSON, CHRISTOPHE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] CPE LYON FORMATION CONTINUE ET RECHERCHE, FR
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[25] FR
[54] **DEVICE AND METHOD FOR CONTROLLING AN AUXILIARY ENGINE SUITABLE FOR SUPPLYING THRUST POWER TO THE ROTOR OF A HELICOPTER**
[54] **DISPOSITIF ET PROCEDE DE REGULATION D'UN MOTEUR AUXILIAIRE ADAPTE POUR FOURNIR UNE PUISSANCE PROPULSIVE AU ROTOR D'UN HELICOPTERE**
[72] MARIN, JEAN PHILIPPE JACQUES, FR
[72] GALLOT, MATTHIEU, FR
[72] ETCHEPARE, PHILIPPE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-06-02
[86] 2016-01-11 (PCT/FR2016/050038)
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[25] EN
[54] **POLYTHIOETHER SEALANTS WITH EXTENDED WORKING TIME**
[54] **MATERIAUX D'ETANCHEITE A BASE DE POLYTHIOETHER A TEMPS DE TRAVAIL PROLONGE**
[72] CAI, JUEXIAO, US
[72] LIN, RENHE, US
[71] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2017-06-05
[86] 2015-12-04 (PCT/US2015/063935)
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[30] US (14/560,289) 2014-12-04

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[25] EN
[54] **DRYING UNIT WITH A DRYING AREA**
[54] **SYSTEME DE SECHAGE POURVU D'UNE ZONE DE SECHAGE**
[72] LAXHUBER, THOMAS CHRISTIAN, DE
[72] LATEIN, TOBIAS, DE
[71] STELA LAXHUBER GMBH, DE
[85] 2017-06-06
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[51] **Int.Cl. C08L 23/06 (2006.01)**
[25] EN
[54] **POLYETHYLENE COMPOSITIONS HAVING LIVING HINGE PROPERTIES**
[54] **COMPOSITIONS DE POLYETHYLENE PRESENTANT DES PROPRIETES DE CHARNIERE VIVANTE**
[72] WHITED, STEPHANIE M., US
[72] KAPUR, MRIDULA, US
[72] LIN, YIJIAN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-06-06
[86] 2015-11-05 (PCT/US2015/059127)
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[30] US (62/090,646) 2014-12-11

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[54] **MULTIPHASE POLYMER AS A THICKENING AND SUSPENDING AGENT**
[54] **POLYMERE MULTIPHASIQUE A TITRE D'AGENT EPAISSISSANT ET SUSPENSIF**
[72] CHAMPAGNE, CLEMENTINE, FR
[72] SUAU, JEAN-MARC, FR
[72] MAGNY, BENOIT, FR
[72] BONY, DELPHINE, FR
[72] KENSICHER, YVES, FR
[71] COATEX, FR
[85] 2017-06-05
[86] 2015-10-30 (PCT/FR2015/052934)
[87] (WO2016/102790)
[30] FR (1463229) 2014-12-23

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[51] **Int.Cl. A61K 38/12 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **CYCLIC ACETYLCHOLINESTERASE C-TERMINAL PEPTIDE IN THE TREATMENT OR PREVENTION OF CANCER OR METASTASIS**
[54] **PEPTIDE DE L'EXTREMITE C-TERMINALE DE L'ACETYLCHOLINESTERASE CYCLIQUE DANS LE TRAITEMENT OU LA PREVENTION DU CANCER OU DE LA METASTASE**
[72] GREENFIELD, SUSAN ADELE, GB
[72] PEPPER, CHRISTOPHER, GB
[71] NEURO-BIO LTD, GB
[85] 2017-06-06
[86] 2015-12-18 (PCT/GB2015/054068)
[87] (WO2016/097753)
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[30] GB (1508480.9) 2015-05-18

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[51] **Int.Cl. B01F 7/00 (2006.01) B01F 7/12 (2006.01) B01F 7/28 (2006.01)**
[25] EN
[54] **DEVICE FOR CAVITATIONAL MIXING**
[54] **DISPOSITIF POUR LE MELANGE PAR CAVITATION**
[72] KOZYUK, OLEG, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2017-06-06
[86] 2015-12-21 (PCT/US2015/066993)
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[51] **Int.Cl. B64C 11/18 (2006.01) B64C 11/48 (2006.01)**
[25] FR
[54] **TURBOMACHINE WITH MULTI-DIAMETER PROPELLER**
[54] **TURBOMACHINE A HELICE MULTI-DIAMETRES**
[72] VION, LAURENCE FRANCINE, FR
[72] GRUBER, MATHIEU SIMON PAUL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-06-06
[86] 2015-12-17 (PCT/FR2015/053600)
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[51] **Int.Cl. A61K 38/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING GROWTH, MIGRATION AND INVASIVENESS OF BRAIN CANCER STEM CELLS AND IMPROVING SURVIVAL OF PATIENTS WITH BRAIN TUMORS**
[54] **PROCEDES ET COMPOSITIONS DE REDUCTION DE LA CROISSANCE, DE LA MIGRATION ET DU CARACTERE INVASIF DES CELLULES SOUCHES DU CANCER DU CERVEAU, ET D'AMELIORATION DE LA SURVIE DE PATIENTS ATTEINTS DE TUMEURS DU CERVEAU**
[72] VESCOVI, ANGELO LUIGI, CH
[72] BINDA, ELENA, IT
[71] HYPERSTEM, SA, CH
[85] 2017-06-07
[86] 2015-12-09 (PCT/IB2015/002577)
[87] (WO2016/092378)
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[51] **Int.Cl. C22C 38/38 (2006.01) C21D 8/02 (2006.01) C22C 38/20 (2006.01) C22C 38/28 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR LOW-TEMPERATURE SERVICE HAVING EXCELLENT SURFACE PROCESSING QUALITY AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER BASSE TEMPERATURE AYANT UNE EXCELLENTE QUALITE DE TRAITEMENT DE SURFACE ET PROCEDE POUR LA FABRIQUER**
[72] LEE, SOON-GI, KR
[72] SUH, IN-SHIK, KR
[72] KIM, YONG-JIN, KR
[72] KANG, SANG-DEOK, KR
[71] POSCO, KR
[85] 2017-06-07
[86] 2015-12-11 (PCT/KR2015/013554)
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[30] KR (10-2014-0189137) 2014-12-24

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[25] EN
[54] **AERODYNAMICALLY SHAPED, ACTIVE TOWED BODY**
[54] **CORPS REMORQUE ACTIF DE FORME AERODYNAMIQUE**
[72] HERBER, ANDREAS, DE
[72] KALMBACH, DIRK, DE
[72] GERDES, RUDIGER, DE
[72] BAYER, HANS-JORG, DE
[71] ALFRED-WEGENER-INSTITUT, DE
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[30] DE (10 2014 018 857.4) 2014-12-15

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[25] EN
[54] **A FILLING DEVICE FOR A PRESSURISED HEATING CIRCUIT**
[54] **DISPOSITIF DE REMPLISSAGE POUR CIRCUIT DE CHAUFFAGE SOUS PRESSION**
[72] JEPP, CHRISTOPHER, GB
[71] JEPP, CHRISTOPHER, GB
[85] 2017-06-08
[86] 2015-12-07 (PCT/GB2015/053739)
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[25] EN
[54] **A FLUID MOTOR AND A FLUID PUMP**
[54] **MOTEUR A FLUIDE ET POMPE A FLUIDE**
[72] SEBHATU, TEKLEMICHAEL, GB
[71] GENIUS VELO LIMITED, GB
[85] 2017-06-08
[86] 2015-12-10 (PCT/GB2015/053807)
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[54] **HYDROGEN GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'HYDROGENE**
[72] KOENEMAN, ROBERT L., US
[72] KENNEDY, TRAVER H., US
[71] JOI SCIENTIFIC, INC., US
[85] 2017-06-07
[86] 2015-12-15 (PCT/US2015/065875)
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[30] US (62/091,702) 2014-12-15
[30] US (14/616,851) 2015-02-09
[30] US (14/852,744) 2015-09-14
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[25] EN
[54] **MODIFIED DNASE AND USES THEREOF**
[54] **DNASE MODIFIEE ET SES UTILISATIONS**
[72] CHEN ZELTSBURG, LILACH, IL
[72] RUDERFER, ILYA, IL
[72] SHULMAN, AVIDOR, IL
[72] FUX, LIAT, IL
[72] UGORTSEV, YULIA, IL
[72] NETA, HAGIT, IL
[72] GELLEY, SIVAN, IL
[72] LAVEE LAVIAD, ELAD, IL
[72] SHAALTIEL, YOSEPH, IL
[71] PROTALIX LTD., IL
[85] 2017-06-08
[86] 2016-01-04 (PCT/IL2016/050003)
[87] (WO2016/108244)
[30] US (62/099,565) 2015-01-04
[30] US (62/099,560) 2015-01-04
[30] US (62/163,497) 2015-05-19
[30] US (62/169,724) 2015-06-02
[30] US (62/247,856) 2015-10-29

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[25] EN
[54] **HALOGEN-FREE FLAME-RETARDANT COMPOSITION**
[54] **COMPOSITION IGNIFUGE EXEMPTE D'HALOGENES**
[72] MAKADIA, CHETAN M., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-06-07
[86] 2015-12-01 (PCT/US2015/063139)
[87] (WO2016/094120)
[30] US (62/091,028) 2014-12-12

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[25] EN
[54] **INTERMEDIATE MODULE FOR ELECTROCHEMICAL CELL STACK**
[54] **MODULE INTERMEDIAIRE POUR EMPILEMENT DE CELLULES ELECTROCHIMIQUES**
[72] DRISTY, MARK E., US
[71] SUSTAINABLE INNOVATIONS, LLC, US
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[71] ECM TECHNOLOGIES, FR
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[54] **DISPOSITIF A PHASES MULTIPLES ET SYSTEME DE CHAUFFAGE, CONDENSATION, MELANGE, DESAERATION ET POMPAGE**
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[54] **ADDITIVE MANUFACTURING OF METALLIC STRUCTURES**
[54] **FABRICATION PAR COUCHES DE STRUCTURES METALLIQUES**
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[72] BURKE, PAUL, US
[71] DIGITAL ALLOYS INCORPORATED, US
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[54] **PROCEDE D'INSCRIPTION ET/OU DE MARQUAGE OPTIQUES D'ELEMENTS RONDS**
[72] TRIVIGNO, VINCENZO, DE
[72] SCHWAB, CHRISTIAN, DE
[72] BRECHT, THORSTEN, DE
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[54] **SYSTEME ET PROCEDES D'EXTRACTION D'ENERGIE**
[72] KOENEMAN, ROBERT L., US
[72] KENNEDY, TRAVER H., US
[71] JOI SCIENTIFIC, INC., US
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[54] **FUSIBLE MECANIQUE FRANGIBLE PAR TORSION ET GROUPE DE REFROIDISSEMENT D'UN TURBOMOTEUR EQUIPE D'UN TEL FUSIBLE**
[72] CLADIERE, MATHIEU, FR
[72] BUENO, ARMAND, FR
[72] DESCUBES, OLIVIER PIERRE, FR
[72] VERGEZ, STEPHANE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **DISPOSITIF DE PROTECTION CONTRE LA CHUTE D'OBJETS**
[72] CHAMPION, PHILIPPE, FR
[71] MANITOU BF, FR
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[54] **OREILLER DOTE D'UN GOUSSET AYANT DE MULTIPLES ORIFICES DE POROSITE**
[72] ALLETTO, EUGENE JR., US
[71] BEDGEAR, LLC, US
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[72] MORIN, RUSSELL WALTER, US
[72] BOESCHENSTEIN, HAROLD, US
[72] BURSAL, FARUK, US
[72] GRACE, CHRIS, US
[71] IROBOT CORPORATION, US
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[54] **BAC DE DOUCHE SUR REVETEMENT D'ETANCHEITE COMPRENANT UN SIEGE**
[72] ERIKSSON, LEONARD, US
[71] INNOVATIVE LEAK SOLUTIONS, INC., US
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[54] **COMPOSITION DE FRACTURATION HYDRAULIQUE, SON PROCEDE DE PRODUCTION ET D'UTILISATION**
[72] SHEN, DONG, US
[72] LI, LEIMING, US
[72] ZHOU, JIA, US
[72] SUN, HONG, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **SYSTEMS AND METHODS TO DETECT AND DISPLAY ENDOVASCULAR FEATURES**
[54] **SYSTEMES ET PROCEDES POUR DETECTER ET AFFICHER DES CARACTERISTIQUES ENDOVASCULAIRES**
[72] GOPINATH, AJAY, US
[72] ADLER, DESMOND, US
[71] LIGHTLAB IMAGING, INC., US
[71] GOPINATH, AJAY, US
[71] ADLER, DESMOND, US
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[54] **METHODS FOR UNDERSTANDING INCOMPLETE NATURAL LANGUAGE QUERY**
[54] **PROCEDES POUR LA COMPREHENSION D'INTERROGATION EN LANGAGE NATUREL INCOMPLETE**
[72] SARIKAYA, RUHI, US
[72] DEREK LIU, XIAOHU, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHOD, COMPUTER PROGRAM PRODUCT AND APPARATUS FOR PROVIDING A BUILDING OPTIONS CONFIGURATOR**
[54] **PROCEDE, PRODUIT PROGRAMME INFORMATIQUE ET APPAREIL POUR FOURNIR UNE CONFIGURATION D'OPTIONS DE BATIMENT**
[72] BUMBALOUGH, STEVEN EUGENE, US
[72] SHARP, GARY NED, US
[72] BABIN, SCOTT PAUL, US
[72] HILL, CATHRINE, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **DISPOSITIF DE GUIDAGE D'INTERVENTION**
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[71] NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU), NO
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[71] VISA EUROPE LIMITED, GB
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[54] **CONJUGUES MACROMOLECULAIRES POUR LA VISUALISATION ET LA SEPARATION DE PROTEINES ET DE CELLULES**
[72] SACHA, PAVEL, CZ
[72] KONVALINKA, JAN, CZ
[72] SCHIMER, JIRI, CZ
[72] KNEDLIK, TOMAS, CZ
[72] NAVRATIL, VACLAV, CZ
[72] TYKVART, JAN, CZ
[72] SEDLAK, FRANTISEK, CZ
[72] MAJER, PAVEL, CZ
[72] CIGLER, PETR, CZ
[72] SUBR, VLADIMIR, CZ
[72] ULBRICH, KAREL, CZ
[72] STROHALM, JIRI, CZ
[71] USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V.V.I., CZ
[71] USTAV MAKROMOLEKULARNI CHEMIE AV CR, V.V.I., CZ
[71] UNIVERZITA KARLOVA V PRAZE, PRIRODOVEDECKA FAKULTA, CZ
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[54] **ARTICLES DE PROTECTION**
[72] SHAW, GAIL, GB
[71] GANT INNOVATIONS LIMITED, GB
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[54] **DISPOSITIFS DE CONFINEMENT DE PRESSION**
[72] LEUCHTENBERG, CHRISTIAN, SG
[72] MACGREGOR, ALEXANDER JOHN, GB
[72] MICHAUD, GEORGE, CA
[72] SUNDARAMOORTHY, SARAVANAN, IN
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[54] **APPAREIL, SYSTEMES, ET PROCEDES D'ELECTRODE DE FOND DE PUITS**
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[72] CHIA, YAN WAH MICHAEL, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] SYSTEME POUR LEVER UNE CHARGE SUR UNE PLATE-FORME DE FORAGE EN MER
[72] BOROY, YNGVAR, NO
[72] ERIKSSON, ANDERS, NO
[72] STRAND, THOR, NO
[72] TEIXEIRA, ANIBAL B., NO
[71] NATIONAL OILWELL VARCO NORWAY AS, NO
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[54] PROCEDE D'INTRODUCTION SIMULTANEE D'AU MOINS DEUX SUBSTANCES CHIMIQUES ET/OU D'EAU DANS UNE FORMATION SOUTERRAINE D'HYDROCARBURES ET/OU DE REGULATION DE LA VITESSE DES REACTIONS CHIMIQUES DE CES SUBSTANCES, ET DISPO SITIF DE MISE EN OEUVRE DE CE PROCEDE
[72] KOHLIK, KAREL, CH
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[71] GALEXUM TECHNOLOGIES AG, CH
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[54] DUAL WAVELENGTH SURGICAL LASER SYSTEM
[54] SYSTEME LASER CHIRURGICAL A DOUBLE LONGUEUR D'ONDE
[72] YU, HONGGANG, US
[72] XUAN, RONGWEI JASON, US
[72] ZHANG, JIAN JAMES, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] SYSTEME, PROCEDE ET APPAREIL DE GESTION DE TRANSBORDEMENT DIRECT
[72] LIVELY, GARY SHANNON, US
[72] BRADLEY, MARK, US
[72] SULLIVAN, PATRICK, US
[71] INNOVATIVE LOGISTICS, INC., US
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[54] PROCEDES D'AMELIORATION DE FIABILITE POUR UNE GENERATION DE CHAINE DE BITS DE FONCTION PHYSIQUEMENT INCLONABLE
[72] PLUSQUELLIC, JAMES, US
[71] STC.UNM, US
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[54] COMPOSES MODULATEURS DE FXR (NR1H4) CONTENANT DES GROUHYDROXY
[72] KINZEL, OLAF, DE
[72] KREMOSER, CLAUS, DE
[72] SCHMITT, AARON C., US
[72] GEGE, CHRISTIAN, DE
[71] GILEAD SCIENCES, INC., US
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[54] **NOUVEAUX COMPOSES MODULANT FXR (NR1H4)**
[72] KINZEL, OLAF, DE
[72] KREMOSER, CLAUS, DE
[72] BLOMGREN, PETER A., US
[72] CURRIE, KEVIN S., US
[72] KROPF, JEFFREY E., US
[72] SCHMITT, AARON C., US
[72] WATKINS, WILLIAM J., US
[72] XU, JIANJUN, US
[72] GEGE, CHRISTIAN, DE
[71] GILEAD SCIENCES, INC., US
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[25] FR
[54] **PROCEDE DE DISCRIMINATION ET D'IDENTIFICATION PAR IMAGERIE 3D D'OBJETS D'UNE SCENE**
[54] **METHOD FOR DISCRIMINATION AND IDENTIFICATION OF OBJECTS OF A SCENE BY 3-D IMAGING**
[72] BERECHET, STEFAN, FR
[72] BERECHET, ION, FR
[72] BELLET, JEAN-BAPTISTE, FR
[72] BERGINC, GERARD, FR
[71] THALES, FR
[71] UNIVERSITE DE LORRAINE, FR
[71] SISPIA, FR
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[54] **ENSEMBLE DISPOSITIF MEDICAL ET PROCEDES ASSOCIES**
[72] VIERING, KIRSTEN, US
[72] DRESHER, RUSSELL, US
[72] AQUILINO, PAUL, US
[72] FOSS, RYAN, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[51] **Int.Cl. F28D 9/00 (2006.01) F24F 7/013 (2006.01) F24F 12/00 (2006.01) F28D 21/00 (2006.01) F28F 9/02 (2006.01)**
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[54] **ECHANGEUR DE CHALEUR**
[72] PAWELZIK, OLE, DE
[72] BOLLI, ALFRED, DE
[71] MAICO ELEKTROAPPARATE-FABRIK GMBH, DE
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[54] **SYSTEM FOR REFILLING BEVERAGE DISPENSER WITH POWDER**
[54] **SYSTEME DE REMPLISSAGE DE DISTRIBUTEUR DE BOISSON AVEC UNE POUDRE**
[72] DUBIEF, FLAVIEN, CH
[72] SCORRANO, LUCIO, CH
[72] BAUDET, LARRY, CH
[72] JAMOLLI, KEVIN, CH
[71] NESTEC S.A., CH
[85] 2017-06-16
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[25] EN
[54] **CONNECTOR FOR REFILLING CONTAINER AND BEVERAGE DISPENSER**
[54] **CONNECTEUR POUR CONTENEUR DE REAPPROVISIONNEMENT ET DISTRIBUTEUR DE BOISSONS**
[72] DUBIEF, FLAVIEN, CH
[72] IOTTI, MARCO, CH
[71] NESTEC S.A., CH
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[30] EP (15153053.2) 2015-01-29

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[25] EN
[54] **LACTYLATE PURIFICATION PROCESS**
[54] **PROCEDE DE PURIFICATION DE LACTYLATE**
[72] VERKUIJL, BASTIAAN JEROEN VICTOR, NL
[72] DE HAAN, ANDRE BANIER, NL
[71] PURAC BIOCHEM BV, NL
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[25] EN
[54] **SYSTEM FOR REFILLING BEVERAGE DISPENSER WITH POWDER**
[54] **SYSTEME POUR REMPLIR A NOUVEAU DE POUDRE UN DISTRIBUTEUR DE BOISSON**
[72] DUBIEF, FLAVIEN, CH
[72] SCORRANO, LUCIO, CH
[72] BAUDET, LARRY, CH
[72] JAMOLLI, KEVIN, CH
[72] CHEVALLEY, SAMUEL, CH
[71] NESTEC S.A., CH
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[86] 2016-01-20 (PCT/EP2016/051121)
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[51] **Int.Cl. G07D 7/2033 (2016.01)**
[25] EN
[54] **METHOD FOR CERTIFYING AND AUTHENTICATING SECURITY DOCUMENTS BASED ON A MEASURE OF THE RELATIVE POSITION VARIATIONS OF THE DIFFERENT PROCESSES INVOLVED IN ITS MANUFACTURE**
[54] **PROCEDE DE CERTIFICATION ET D'AUTHENTIFICATION DE DOCUMENTS DE SECURITE SUR LA BASE D'UNE MESURE DES VARIATIONS DE POSITION RELATIVE DES DIFFERENTS PROCESSUS IMPLIQUES DANS LEUR FABRICATION**
[72] TERBORG-DEL ROSAL, HEINRICH FIDENCIO, MX
[72] GONZALEZ-CANDELA, ERNESTO, MX
[72] LOPEZ-GONZALEZ, MONICA, MX
[71] BANCO DE MEXICO, MX
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[51] **Int.Cl. A61M 5/48 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01) A61M 5/34 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **SINGLE USE INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION A USAGE UNIQUE**
[72] KOSKA, MARC ANDREW, GB
[71] KOSKA, MARC ANDREW, GB
[85] 2017-06-16
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[51] **Int.Cl. A61B 3/113 (2006.01) A61B 3/10 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FIXATION, ALIGNMENT, AND/OR SACCADIC MEASUREMENTS TO IDENTIFY AND/OR TRACK BRAIN FUNCTION**
[54] **METHODE ET APPAREIL DESTINES AUX MESURES DE FIXATION, ALIGNEMENT OU SACCADE PERMETTANT DE DETERMINER OU SUIVRE LA FONCTION CEREBRALE**
[72] GOLDSTEIN, LEE, US
[72] SHAKA, JUSTIN, US
[72] WINSOR, ROBERT, US
[72] YING, HOWARD, US
[71] REBISCAN, INC., US
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[30] US (62/278,196) 2016-01-13

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[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSIENT CHANGE DETECTION WITH ADAPTIVE SAMPLING, AND DETECTOR IMPLEMENTING THE METHOD**
[54] **PROCEDE DE DETECTION DE CHANGEMENTS DE TRANSITOIRE A ECHANTILLONNAGE ADAPTATIF ET DETECTEUR METTANT EN ŒUVRE LE PROCEDE**
[72] CHANDAR, VENKAT, US
[72] TCHAMKERTEN, ASLAN, FR
[71] INSTITUT MINES-TELECOM, FR
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[51] **Int.Cl. G06F 19/00 (2011.01) A61J 7/00 (2006.01) A61J 7/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEDICAMENT STORAGE, DISPENSING, AND ADMINISTRATION**
[54] **SYSTEME ET PROCEDE DESTINES A LA CONSERVATION, A LA DISTRIBUTION ET A L'ADMINISTRATION DE MEDICAMENTS**
[72] DENNY, JOHN W., US
[72] OSTRANDER, KEVIN, US
[71] MYLAN INC., US
[85] 2017-06-16
[86] 2015-12-03 (PCT/US2015/063808)
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[51] **Int.Cl. A61K 8/89 (2006.01) A61K 8/02 (2006.01) A61K 8/891 (2006.01) A61Q 9/02 (2006.01) B26B 21/44 (2006.01)**
[25] EN
[54] **LUBRICATING MEMBERS FOR RAZOR CARTRIDGES**
[54] **ELEMENTS DE LUBRIFICATION POUR CARTOUCHES DE RASOIR**
[72] MOLONEY, MICHAEL JOHN, US
[72] HAINES, CHRISTOPHER, US
[72] STEPHENS, ALISON FIONA, GB
[72] LU, BAILU, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2017-06-16
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/06 (2006.01) E21B 33/127 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **PACKER**
[54] **GARNITURE D'ETANCHEITE**
[72] CUFFE, CHRIS, US
[72] CALDWELL, REBECCA, US
[71] ISOLATION TECHNOLOGIES LLC, US
[85] 2017-06-16
[86] 2015-12-17 (PCT/US2015/066444)
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[51] **Int.Cl. G06F 21/57 (2013.01) G06F 9/44 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR FACILITATING STATIC ANALYSIS OF SOFTWARE APPLICATIONS**
[54] **SYSTEME ET PROCEDE POUR FACILITER L'ANALYSE STATIQUE D'APPLICATIONS LOGICIELLES**
[72] SHETH, MANSI, US
[71] VERACODE, INC., US
[85] 2017-06-16
[86] 2015-12-18 (PCT/US2015/066777)
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[13] A1
[51] **Int.Cl. E21D 20/00 (2006.01)**
[25] EN
[54] **EXPENDABLE SUPPLY SYSTEM FOR UNDERGROUND DRILLING**
[54] **SYSTEME DE DISTRIBUTION DE PIECES CONSOMMABLES POUR FORAGE SOUTERRAIN**
[72] GALLER, THOMAS, AT
[72] KUPPER, MARTIN, AT
[72] BISCHOF, ANDREAS, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-06-19
[86] 2015-01-21 (PCT/EP2015/051120)
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[51] **Int.Cl. G04F 1/00 (2006.01) G06F 11/07 (2006.01)**
[25] EN
[54] **TIMER DEVICE AND METHOD FOR OPERATING SAID TIMER DEVICE**
[54] **DISPOSITIF DE TEMPORISATEUR ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF DE TEMPORISATEUR**
[72] FIORAVANTI, EMILIO, ES
[72] GIOVANELLI, ALESSIO, ES
[71] ZOBELE HOLDING SPA, IT
[85] 2017-06-19
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[51] **Int.Cl. C03C 25/24 (2006.01) D04H 1/587 (2012.01) C03C 25/26 (2006.01) C03C 25/32 (2006.01) C08J 5/24 (2006.01) C09J 103/02 (2006.01) C09J 105/00 (2006.01) D04H 1/64 (2012.01)**
[25] EN
[54] **IMPROVED BINDER**
[54] **LIANT AMELIORE**
[72] HJELMGAARD, THOMAS, DK
[72] NISSEN, POVL, DK
[72] NAERUM, LARS, DK
[72] HANSEN, ERLING LENNART, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2017-06-19
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[51] **Int.Cl. H01M 8/02 (2016.01) B29C 33/00 (2006.01) B29C 43/00 (2006.01) C25B 9/00 (2006.01) F16J 15/34 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING SEALS ON ELECTROCHEMICAL REACTOR COMPONENTS**
[54] **PROCEDE DE FABRICATION DE JOINTS SUR DES COMPOSANTS DE REACTEUR ELECTROCHIMIQUE**
[72] TRUNDE, SYLVAIN, FR
[72] CLERGUE, NICOLAS JACQUES PASCAL, FR
[72] GIRARDOT, PIERRE-ETIENNE, FR
[72] QUINTERI, CHRISTIAN, FR
[71] AREVA STOCKAGE D'ENERGIE, FR
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[51] **Int.Cl. C08G 73/10 (2006.01)**
[25] FR
[54] **PROCESS FOR PRODUCING AROMATIC POLYIMIDES**
[54] **PROCEDE DE FABRICATION DE POLYIMIDES AROMATIQUES**
[72] TERNISIEN, THOMAS, FR
[71] RHODIA OPERATIONS, FR
[85] 2017-06-19
[86] 2015-12-17 (PCT/EP2015/080378)
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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/00 (2006.01) C08G 18/20 (2006.01) C08G 18/76 (2006.01) C08G 59/68 (2006.01)**
[25] EN
[54] **CATALYST COMPOSITION FOR CURING RESINS CONTAINING EPOXY GROUPS**
[54] **COMPOSITION A EFFET CATALYSEUR POUR DURCIR DES RESINES CONTENANT DES GROUPES EPOXY**
[72] HOLTGREWE, CHRISTIAN, DE
[72] KUSTER, HARALD, DE
[72] BACHON, THOMAS, DE
[72] SCHONFELD, RAINER, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-06-19
[86] 2015-12-18 (PCT/EP2015/080469)
[87] (WO2016/102358)
[30] DE (10 2014 226 842.7) 2014-12-22

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[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C09K 8/64 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FLUID COMPOSITION FOR STIMULATION IN THE FIELD OF OIL AND GAS PRODUCTION**
[54] **COMPOSITION DE FLUIDE UTILISABLE A DES FINS DE STIMULATION DANS LE DOMAINE DE LA PRODUCTION DE PETROLE ET DE GAZ**
[72] BARRETO, GILLES, FR
[71] ARKEMA FRANCE, FR
[85] 2017-06-19
[86] 2015-12-22 (PCT/EP2015/081020)
[87] (WO2016/107796)
[30] FR (1463515) 2014-12-31
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[51] **Int.Cl. C08G 18/00 (2006.01) C08G 18/20 (2006.01) C08G 18/76 (2006.01) C08K 7/12 (2006.01)**
[25] EN
[54] **OXAZOLIDINONE- AND ISOCYANURATE-CROSSLINKED MATRIX FOR FIBER-REINFORCED MATERIAL**
[54] **MATRICE RETICULEE PAR DE L'OXAZOLIDINONE ET DE L'ISOCYANURATE POUR MATIERE RENFORCEE PAR DES FIBRES**
[72] HOLTGREWE, CHRISTIAN, DE
[72] KUSTER, HARALD, DE
[72] BACHON, THOMAS, DE
[72] FERENCZ, ANDREAS, DE
[72] LAMMERSCHOP, OLAF, DE
[72] SCHONFELD, RAINER, DE
[72] MAI, CLAUDIA, DE
[71] HENKEL AG & CO. KGAA, DE
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[86] 2015-12-18 (PCT/EP2015/080470)
[87] (WO2016/102359)
[30] DE (10 2014 226 838.9) 2014-12-22

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[51] **Int.Cl. E21B 33/06 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **BALL VALVE**
[54] **CLAPET A BILLE**
[72] MANETT, KRIS, GB
[72] DEACON, PAUL, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2017-06-19
[86] 2015-12-11 (PCT/GB2015/053855)
[87] (WO2016/113525)
[30] GB (1500554.9) 2015-01-14

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[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/32 (2006.01) G06K 9/42 (2006.01) G06K 9/68 (2006.01)**
[25] EN
[54] **OBJECT DETECTION USING LOCATION DATA AND SCALE SPACE REPRESENTATIONS OF IMAGE DATA**
[54] **DETECTION D'OBJET A L'AIDE DE DONNEES D'EMPLACEMENT ET DE REPRESENTATIONS D'ESPACE D'ECHELLE DE DONNEES D'IMAGE**
[72] YANG, RUIDUO, US
[72] BI, NING, US
[72] YANG, SICHAO, US
[72] WU, XINZHOU, US
[72] GUO, FENG, US
[72] REN, JIANFENG, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-06-19
[86] 2015-12-14 (PCT/US2015/065538)
[87] (WO2016/114885)
[30] US (14/598,892) 2015-01-16

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] FR
[54] **METHOD OF PROCESSING A TRANSACTION FROM A COMMUNICATION TERMINAL**
[54] **PROCEDE DE TRAITEMENT D'UNE TRANSACTION A PARTIR D'UN TERMINAL DE COMMUNICATION**
[72] QUENTIN, PIERRE, FR
[72] BLANCHET, JEAN-BERNARD, FR
[71] INGENICO GROUP, FR
[85] 2017-06-20
[86] 2016-01-08 (PCT/EP2016/050317)
[87] (WO2016/110589)
[30] FR (1550191) 2015-01-09
[30] FR (1550192) 2015-01-09
[30] FR (1550193) 2015-01-09
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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01)**
[25] EN
[54] **COT MODULATORS AND METHODS OF USE THEREOF**
[54] **MODULATEURS DE COT ET PROCEDES D'UTILISATION ASSOCIES**
[72] BACON, ELIZABETH M., US
[72] BALAN, GAYATRI, US
[72] CHOU, CHIEN-HUNG, US
[72] CLARK, CHRISTOPHER T., US
[72] COTTELL, JEROMY J., US
[72] KIM, MUSONG, US
[72] KIRSCHBERG, THORSTEN A., US
[72] LINK, JOHN O., US
[72] PHILLIPS, GARY, US
[72] SCHROEDER, SCOTT D., US
[72] SQUIRES, NEIL H., US
[72] STEVENS, KIRK L., US
[72] TAYLOR, JAMES G., US
[72] WATKINS, WILLIAM J., US
[72] WRIGHT, NATHAN E., US
[72] ZIPFEL, SHEILA M., US
[71] GILEAD SCIENCES, INC., US
[85] 2017-06-19
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[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COOLING DOWN A CRYOGENIC HEAT EXCHANGER AND METHOD OF LIQUEFYING A HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL POUR LE REFROIDISSEMENT D'UN ECHANGEUR DE CHALEUR CRYOGENIQUE ET PROCEDE DE LIQUEFACTION D'UN FLUX D'HYDROCARBURES**
[72] BAHARI, YANG KHOLIJAH, MY
[72] JARUWATTANACHAI, PREEDA, NG
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-06-20
[86] 2015-12-24 (PCT/EP2015/081233)
[87] (WO2016/107822)
[30] EP (14200463.9) 2014-12-29

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) H04W 12/08 (2009.01) G06Q 20/32 (2012.01) H04L 29/06 (2006.01)**
[25] FR
[54] **METHOD FOR PROCESSING AN AUTHORISATION TO IMPLEMENT A SERVICE, DEVICES AND CORRESPONDING COMPUTER PROGRAM**
[54] **METHODE DE TRAITEMENT D'UNE AUTORISATION DE MISE EN OEUVRE D'UN SERVICE, DISPOSITIFS ET PROGRAMME D'ORDINATEUR CORRESPONDANT**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[85] 2017-06-20
[86] 2016-01-08 (PCT/EP2016/050316)
[87] (WO2016/110588)
[30] FR (1550193) 2015-01-09
[30] FR (1550192) 2015-01-09
[30] FR (1550191) 2015-01-09
[30] FR (1551239) 2015-02-13

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[13] A1
[51] **Int.Cl. C08G 63/695 (2006.01) C09D 167/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING ORGANIC SOLVENT-BASED DISPERSIONS, COATING COMPOSITIONS AND COATED METAL SUBSTRATE USEFUL FOR PACKAGING APPLICATIONS**
[54] **PROCEDE DE PREPARATION DE DISPERSIONS A BASE DE SOLVANT ORGANIQUE, COMPOSITIONS DE REVETEMENT ET SUBSTRAT METALLIQUE REVETU UTILE POUR DES APPLICATIONS D'EMBALLAGE**
[72] CRAUN, GARY PIERCE, US
[72] CHOUDHERY, RIAZ AHMAD, GB
[72] BODE, DANIEL, US
[72] SIMON, PATRICE, FR
[72] RADEMACHER, JUDE THOMAS, US
[72] MIALON, LAURENT, FR
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2017-06-20
[86] 2015-12-21 (PCT/EP2015/080769)
[87] (WO2016/107779)
[30] US (62/098,473) 2014-12-31
[30] US (62/098,489) 2014-12-31
[30] US (62/098,499) 2014-12-31
[30] US (62/098,502) 2014-12-31
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[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/30 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **A DEVICE, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROCESSING ELECTRONIC TRANSACTION REQUESTS**
[54] **DISPOSITIF, SYSTEME, PROCEDE, ET PRODUIT PROGRAMME D'ORDINATEUR, POUR TRAITER DES DEMANDES DE TRANSACTION ELECTRONIQUE**
[72] GARLICK, STEVEN GEORGE, GB
[72] MASTERS, NEIL ANTONY, GB
[71] IPCO 2012 LIMITED, GB
[85] 2017-06-16
[86] 2015-10-14 (PCT/GB2015/053034)
[87] (WO2016/097672)
[30] GB (1422900.9) 2014-12-18

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[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/30 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **AN INTERFACE, SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING THE TRANSFER OF ELECTRONIC MESSAGES**
[54] **INTERFACE, SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR PERMETTANT DE COMMANDER LE TRANSFERT DE MESSAGES ELECTRONIQUES**
[72] GARLICK, STEVEN GEORGE, GB
[72] MASTERS, NEIL ANTONY, GB
[71] IPCO 2012 LIMITED, GB
[85] 2017-06-16
[86] 2015-10-14 (PCT/GB2015/053036)
[87] (WO2016/097673)
[30] GB (1422641.9) 2014-12-18

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[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 12/06 (2009.01) G06Q 20/32 (2012.01) G06Q 20/38 (2012.01)**
[25] FR
[54] **METHOD FOR PROCESSING A TRANSACTION FROM A COMMUNICATION TERMINAL**
[54] **PROCEDE DE TRAITEMENT D'UNE TRANSACTION A PARTIR D'UN TERMINAL DE COMMUNICATION**
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[85] 2017-06-20
[86] 2016-01-08 (PCT/EP2016/050318)
[87] (WO2016/110590)
[30] FR (1550192) 2015-01-09
[30] FR (1550191) 2015-01-09
[30] FR (1550193) 2015-01-09
[30] FR (1551241) 2015-02-13

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[13] A1
[51] **Int.Cl. A61H 3/00 (2006.01) A61H 1/02 (2006.01)**
[25] EN
[54] **ACTUATION SYSTEM FOR HIP ORTHOSIS**
[54] **SYSTEME D'ACTIONNEMENT POUR ORTHESE DE HANCHE**
[72] VITIELLO, NICOLA, IT
[72] GIOVACCHINI, FRANCESCO, IT
[72] CEMPINI, MARCO, IT
[72] FANTOZZI, MATTEO, IT
[72] MOISE, MATTEO, IT
[72] MUSCOLO, MARCO, IT
[72] CORTESE, MARIO, IT
[71] SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA, IT
[85] 2017-06-20
[86] 2016-02-08 (PCT/IB2016/050639)
[87] (WO2016/128877)
[30] IT (FI2015A000025) 2015-02-09

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[13] A1
[51] **Int.Cl. G06Q 20/02 (2012.01) G06Q 20/30 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **A SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR RECEIVING ELECTRONIC MESSAGES**
[54] **SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME D'ORDINATEUR POUR RECEVOIR DES MESSAGES ELECTRONIQUES**
[72] GARLICK, STEVEN GEORGE, GB
[72] MASTERS, NEIL ANTONY, GB
[71] IPCO 2012 LIMITED, GB
[85] 2017-06-16
[86] 2015-10-14 (PCT/GB2015/053037)
[87] (WO2016/097674)
[30] GB (1422640.1) 2014-12-18

[21] **2,971,681**
[13] A1
[51] **Int.Cl. F03D 1/00 (2006.01) F03D 9/11 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A WIND TURBINE WITHOUT GRID CONNECTION AND WIND TURBINE**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE EOLIENNE SANS RACCORDEMENT AU RESEAU, ET EOLIENNE**
[72] ACHENBACH, PATRICK, DE
[72] JANSSEN, WILHELM, DE
[71] ADWEN GMBH, DE
[85] 2017-06-20
[86] 2016-01-29 (PCT/EP2016/051972)
[87] (WO2016/120467)
[30] EP (15153335.3) 2015-01-30

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[13] A1
[51] **Int.Cl. C10M 161/00 (2006.01)**
[25] FR
[54] **COMPOSITIONS OF THERMOASSOCIATIVE ADDITIVES, THE ASSOCIATION OF WHICH IS CONTROLLED, AND LUBRICATING COMPOSITIONS CONTAINING SAME**
[54] **COMPOSITIONS D'ADDITIFS THERMOASSOCIATIFS DONT L'ASSOCIATION EST CONTROLEE ET COMPOSITIONS LUBRIFIANTES LES CONTENANT**
[72] NICOLAY, RENAUD, FR
[72] NGUYEN, THI HANG NGA, FR
[72] IOVINE, RAPHAELE, FR
[72] DESCROIX, GREGORY, FR
[71] TOTAL MARKETING SERVICES, FR
[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS (ESPCI), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2017-06-20
[86] 2016-01-11 (PCT/EP2016/050400)
[87] (WO2016/113229)
[30] FR (15 50328) 2015-01-15

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[13] A1
[51] **Int.Cl. C07C 7/12 (2006.01) C07C 7/13 (2006.01) C08F 6/02 (2006.01)**
[25] EN
[54] **METHODS OF PRECIPITATING POLYMER AND DEACTIVATED ORGANOMETALLIC CATALYST IN AN OLEFIN OLIGOMERIZATION REACTION**
[54] **PROCEDES DE PRECIPITATION DE POLYMERE ET CATALYSEUR ORGANOMETALLIQUE DESACTIVE DANS UNE REACTION D'OLIGOMERISATION D'OLEFINE**
[72] ZILBERSHTEIN, TIMUR MIKHAILOVICH, RU
[71] PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING", RU
[85] 2017-06-20
[86] 2014-12-23 (PCT/RU2014/000972)
[87] (WO2016/105226)

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[13] A1
[51] **Int.Cl. C07C 2/32 (2006.01) C08F 110/02 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING OLIGOMERS OF AN OLEFIN**
[54] **PROCEDES DE PREPARATION D'OLIGOMERES D'UNE OLEFINE**
[72] ZILBERSHTEIN, TIMUR MIKHAILOVICH, RU
[72] LENEV, DENIS ALEKSEEVICH, RU
[72] LIPSKIKH, MAXIM VLADIMIROVICH, RU
[71] PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING", RU
[85] 2017-06-20
[86] 2014-12-23 (PCT/RU2014/000973)
[87] (WO2016/105227)

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[13] A1
[51] **Int.Cl. C07C 2/32 (2006.01) C08F 110/02 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING OLIGOMERS OF AN OLEFIN**
[54] **PROCEDES DE PREPARATION D'OLIGOMERES D'UNE OLEFINE**
[72] ZILBERSHTEIN, TIMUR MIKHAILOVICH, RU
[72] LENEV, DENIS ALEKSEEVICH, RU
[71] PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING", RU
[85] 2017-06-20
[86] 2014-12-23 (PCT/RU2014/000974)
[87] (WO2016/105228)

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[13] A1
[51] **Int.Cl. A61K 31/185 (2006.01) A61K 8/46 (2006.01) A61P 1/02 (2006.01) A61P 17/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION**
[54] **COMPOSITION DE SOIN BUCCO-DENTAIRE**
[72] CHEN, DANDAN, US
[72] TRIVEDI, HARSH, US
[72] HILLIARD, PETER R., JR., US
[72] MASTERS, JAMES, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-20
[86] 2015-12-17 (PCT/US2015/066323)
[87] (WO2016/106071)
[30] US (62/096,501) 2014-12-23

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/02 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **PREDICTING LOCATIONS AND MOVEMENTS OF USERS BASED ON HISTORICAL LOCATIONS FOR USERS OF AN ONLINE SYSTEM**
[54] **PREDICTION DES LOCALISATIONS ET DES MOUVEMENTS D'UTILISATEURS SUR LA BASE DE LOCALISATIONS HISTORIQUES POUR DES UTILISATEURS D'UN SYSTEME EN LIGNE**
[72] VACCARI, ANDREA, US
[71] FACEBOOK, INC., US
[85] 2017-06-20
[86] 2015-12-29 (PCT/US2015/067942)
[87] (WO2016/109589)
[30] US (14/586,306) 2014-12-30

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[13] A1
[51] **Int.Cl. C23C 14/00 (2006.01) C23C 14/02 (2006.01) C23C 14/06 (2006.01) C23C 14/32 (2006.01) C23C 28/00 (2006.01) C23C 28/04 (2006.01)**
[25] EN
[54] **ALCRN-BASED COATING PROVIDING ENHANCED CRATER WEAR RESISTANCE**
[54] **REVETEMENT A BASE D'ALCRN FOURNISSANT UNE RESISTANCE A L'USURE DE CRATERE AMELIOREE**
[72] ERIKSSON, ANDERS OLOF, CH
[72] ARNDT, MIRJAM, CH
[72] STEIN, SEBASTIAN, DE
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2017-06-21
[86] 2015-12-03 (PCT/EP2015/078553)
[87] (WO2016/102170)
[30] DE (10 2014 018 915.5) 2014-12-22

[21] **2,971,765**
[13] A1
[51] **Int.Cl. C04B 35/043 (2006.01) C04B 35/053 (2006.01) C04B 35/632 (2006.01) C04B 35/66 (2006.01)**
[25] EN
[54] **REFRACTORY PRODUCTS AND THEIR USE**
[54] **PRODUITS REFRACTAIRES ET LEUR UTILISATION**
[72] JANSEN, HELGE, DE
[72] SCHEMMEL, THOMAS, DE
[72] STEIN, VOLKER, DE
[71] REFRATECHNIK HOLDING GMBH, DE
[85] 2017-06-21
[86] 2015-11-30 (PCT/EP2015/078079)
[87] (WO2016/102149)
[30] DE (10 2014 019 347.0) 2014-12-22

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[51] **Int.Cl. C04B 35/043 (2006.01) C04B 35/053 (2006.01) C04B 35/20 (2006.01) C04B 35/632 (2006.01) C04B 35/66 (2006.01)**
[25] EN
[54] **REFRACTORY PRODUCTS AND THEIR USE**
[54] **PRODUITS REFRACTAIRES ET LEUR UTILISATION**
[72] JANSEN, HELGE, DE
[72] SCHEMMEL, THOMAS, DE
[72] STEIN, VOLKER, DE
[71] REFRATECHNIK HOLDING GMBH, DE
[85] 2017-06-21
[86] 2015-12-10 (PCT/EP2015/079307)
[87] (WO2016/102197)
[30] DE (10 2014 019 351.9) 2014-12-22

[21] **2,971,771**
[13] A1
[51] **Int.Cl. B63B 1/06 (2006.01) B63B 1/40 (2006.01) B63B 9/02 (2006.01)**
[25] EN
[54] **DESIGN OF FOREPART OF A VESSEL**
[54] **CONCEPTION D'UNE PARTIE AVANT DE NAVIRE**
[72] MOEN, ROAR JOHAN, NO
[71] RASMUSSEN MARITIME DESIGN AS, NO
[85] 2017-06-21
[86] 2015-12-21 (PCT/EP2015/080842)
[87] (WO2016/102497)
[30] EP (14199833.6) 2014-12-22

[21] **2,971,772**
[13] A1
[51] **Int.Cl. C08J 9/36 (2006.01) B29C 44/56 (2006.01) B32B 5/18 (2006.01) B32B 5/24 (2006.01) B32B 7/08 (2006.01) C08J 9/00 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **FIBER REINFORCEMENT OF ANISOTROPIC FOAMS**
[54] **RENFORT FIBREUX DE MOUSSES ANISOTROPES**
[72] RUCKDAESCHEL, HOLGER, DE
[72] ARBTER, RENE, DE
[72] STEIN, ROBERT, DE
[72] LONGO-SCHEDEL, DANIELA, DE
[72] DIEHLMANN, TIM, DE
[72] SAMPATH, BANGARU DHARMAPURI SRIRAMULU, DE
[72] GUTMANN, PETER, DE
[72] TERRENOIRE, ALEXANDRE, DE
[72] HARTENSTEIN, MARKUS, DE
[72] KIRGIS, ANDREAS, DE
[72] DAUN, GREGOR, DE
[72] MARTIN, MARC CLAUDE, DE
[72] MERKEL, PETER, DE
[72] KICIAK, THOMAS, DE
[72] MORINO, ALESSIO, IT
[71] BASF SE, DE
[85] 2017-06-21
[86] 2015-12-15 (PCT/EP2015/079803)
[87] (WO2016/102243)
[30] EP (14199628.0) 2014-12-22

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[13] A1
[51] **Int.Cl. C08F 210/16 (2006.01) C08F 2/00 (2006.01) C08L 23/08 (2006.01) C08L 23/16 (2006.01) F16L 9/12 (2006.01)**
[25] EN
[54] **POLYETHYLENE FOR PIPES**
[54] **POLYETHYLENE POUR TUYAUX**
[72] DRENG, TORE, NO
[72] LUNDQUIST, MORTEN, NO
[72] LINDROOS, JARMO, NO
[71] NORNER VERDANDI AS, NO
[85] 2017-06-21
[86] 2015-12-21 (PCT/EP2015/080876)
[87] (WO2016/102513)
[30] GB (1422957.9) 2014-12-22

[21] **2,971,790**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01) F04B 43/04 (2006.01) F04B 45/047 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE THERAPIE DE PLAIE A PRESSION NEGATIVE**
[72] ASKEM, BEN ALAN, GB
[72] FERRARI, IACOPO CLAUDIO, MU
[72] FOINI, MATTEO, MU
[72] FORZANI, PAOLO, MU
[72] FRYER, CHRISTOPHER JOHN, GB
[72] HUNT, ALAN KENNETH FRAZER GRUGEON, GB
[72] RIVA, CHRISTIAN, MU
[71] SMITH & NEPHEW PLC, GB
[85] 2017-06-21
[86] 2015-12-21 (PCT/IB2015/002532)
[87] (WO2016/103031)
[30] US (62/095,721) 2014-12-22

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[13] A1
[51] **Int.Cl. C09K 8/035 (2006.01) A01N 37/00 (2006.01) C09K 8/60 (2006.01) C09K 8/68 (2006.01) C09K 8/90 (2006.01)**
[25] EN
[54] **PROCESS FLUID WITH ENVIRONMENTALLY FRIENDLY BIOSTABILISATOR**
[54] **FLUIDE DE TRAITEMENT CONTENANT UN BIOSTABILISATEUR ECOLOGIQUE**
[72] EMERSTORFER, FLORIAN, AT
[72] OMANN, MARKUS, AT
[72] MARIHART, JOHANN, AT
[72] WASTYN, MARNIK MICHEL, AT
[71] AGRANA BETEILIGUNGS-AKTIENGESELLSCHAFT, AT
[85] 2017-06-21
[86] 2015-12-23 (PCT/EP2015/081135)
[87] (WO2016/102654)
[30] EP (14199961.5) 2014-12-23

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[13] A1
[51] **Int.Cl. C08J 9/36 (2006.01) B29C 44/56 (2006.01) C08J 9/33 (2006.01) B32B 3/18 (2006.01) B32B 5/18 (2006.01) B32B 5/24 (2006.01) B32B 5/32 (2006.01) B32B 7/08 (2006.01) C08J 9/00 (2006.01) C08J 9/12 (2006.01) C08J 9/14 (2006.01)**
[25] EN
[54] **FIBER REINFORCMENT OF FOAMS MADE FROM MUTUALLY BONDED SEGMENTS**
[54] **MOUSSES A RENFORT DE FIBRE FAIT DE SEGMENTS LIES MUTUELLEMENT**
[72] RUCKDAESCHEL, HOLGER, DE
[72] ARBTER, RENE, DE
[72] STEIN, ROBERT, DE
[72] LONGO-SCHEDEL, DANIELA, DE
[72] DIEHLMANN, TIM, DE
[72] SAMPATH, BANGARU DHARMAPURI SRIRAMULU, DE
[72] GUTMANN, PETER, DE
[72] TERRENOIRE, ALEXANDRE, DE
[72] HARTENSTEIN, MARKUS, DE
[72] KIRGIS, ANDREAS, DE
[72] MORINO, ALESSIO, IT
[72] DAUN, GREGOR, DE
[72] MARTIN, MARC CLAUDE, DE
[71] BASF SE, DE
[85] 2017-06-21
[86] 2015-12-15 (PCT/EP2015/079805)
[87] (WO2016/102244)
[30] EP (14199629.8) 2014-12-22

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[13] A1
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/30 (2006.01) A01N 47/36 (2006.01) A01N 59/04 (2006.01) A01N 59/26 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **LIQUID SULFONYLUREA-CONTAINING HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES LIQUIDES CONTENANT DE LA SULFONYLUREE**
[72] EGAN, OLIVER, IE
[72] GOLDSMITH, ANDREW, GB
[71] BATTELLE UK LIMITED, GB
[71] MITSUI AGRISCIENCE INTERNATIONAL S.A./N.V., IE
[85] 2017-06-21
[86] 2015-12-21 (PCT/EP2015/080844)
[87] (WO2016/102499)
[30] EP (14199867.4) 2014-12-22

[21] **2,971,799**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **NEGATIVE PRESSURE WOUND THERAPY APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE THERAPIE PAR PRESSION NEGATIVE**
[72] ASKEM, BEN ALAN, GB
[72] FERRARI, IACOPO CLAUDIO, MU
[72] FOINI, MATTEO, MU
[72] FORZANI, PAOLO, MR
[72] FRYER, CHRISTOPHER JOHN, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] RIVA, CHRISTIAN, MU
[71] SMITH & NEPHEW PLC, GB
[85] 2017-06-21
[86] 2015-12-21 (PCT/IB2015/002535)
[87] (WO2016/103032)
[30] US (62/095,721) 2014-12-22

[21] **2,971,804**
[13] A1
[51] **Int.Cl. C04B 35/107 (2006.01) C04B 35/109 (2006.01)**
[25] EN
[54] **BATCH FOR THE PRODUCTION OF A REFRACTORY PRODUCT, A PROCESS FOR THE PRODUCTION OF A REFRACTORY PRODUCT, A REFRACTORY PRODUCT AS WELL AS THE USE OF A REFRACTORY PRODUCT**
[54] **MELANGE CERAMIQUE POUR LA FABRICATION D'UN PRODUIT REFRACTAIRE, PROCEDE DE FABRICATION D'UN PRODUIT REFRACTAIRE, PRODUIT REFRACTAIRE ET UTILISATION D'UN PRODUIT REFRACTAIRE**
[72] DJURICIC, BORO, AT
[72] FREIBERGER, NORBERT, AT
[72] MUHLHAUSSER, JURGEN, AT
[72] BAUER, CHRISTOPH, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2017-06-06
[86] 2015-11-25 (PCT/EP2015/077602)
[87] (WO2016/128082)
[30] EP (15154358.4) 2015-02-09

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 35/768 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CANCER THERAPY WITH A PARVOVIRUS COMBINED WITH BEVACIZUMAB**
[54] **TRAITEMENT DU CANCER AVEC UN PARVOVIRUS COMBINE A DU BEVACIZUMAB**
[72] GELETNEKY, KARSTEN, DE
[72] ROMMELAERE, JEAN, DE
[72] WICK, WOLFGANG, DE
[72] WICK, ANTJE, DE
[72] DAHM, MICHAEL, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[71] RUPRECHT-KARLS-UNIVERSITAT, DE
[85] 2017-06-21
[86] 2016-02-10 (PCT/EP2016/025008)
[87] (WO2016/128146)
[30] EP (15154629.8) 2015-02-11

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[13] A1
[51] **Int.Cl. G07F 13/06 (2006.01) A23L 2/04 (2006.01) A23N 1/00 (2006.01) A47J 19/00 (2006.01) A47J 19/02 (2006.01)**
[25] EN
[54] **BEVERAGE VENDING MACHINE**
[54] **DISTRIBUTEUR AUTOMATIQUE DE BOISSONS**
[72] CATALANO, MARCELLO NUNZIO, IT
[72] TORRISI, SALVATORE MARIA VITTORIO, IT
[72] GIALLANZA, ANTONIO, IT
[71] A.A.T. AGROINDUSTRY ADVANCED TECHNOLOGIES S.P.A., IT
[85] 2017-06-21
[86] 2015-12-22 (PCT/IB2015/059870)
[87] (WO2016/103172)
[30] IT (BO2014A000714) 2014-12-22

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM FOR MONITORING AND ALERTING USERS OF DHA LEVELS**
[54] **SYSTEME DE SURVEILLANCE DES NIVEAUX DE DHA ET D'ALERTE DES UTILISATEURS**
[72] BAI, MANXI, CN
[72] HUANG, JIE, CN
[71] NESTEC S.A., CH
[85] 2017-06-21
[86] 2016-01-07 (PCT/IB2016/050066)
[87] (WO2016/110817)
[30] US (62/100,635) 2015-01-07

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[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/08 (2006.01) A61B 17/10 (2006.01)**
[25] EN
[54] **SUTURE CLIP DEPLOYMENT DEVICES**
[54] **DISPOSITIFS DE DEPLOIEMENT D'AGRAFES DE SUTURE**
[72] MIRAKI, MANOUCHEHR, US
[72] JANISH, BRIAN, US
[72] DANG, KEVIN, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-06-21
[86] 2015-12-23 (PCT/US2015/000255)
[87] (WO2016/105511)
[30] US (62/096,749) 2014-12-24

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[13] A1
[51] **Int.Cl. E21D 9/00 (2006.01) E21D 9/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING TUNNELS FOR TRANSPORT ROUTES**
[54] **PROCEDE ET APPAREIL POUR FORMER DES TUNNELS POUR DES VOIES DE TRANSPORT**
[72] THOMSON, JAMES CRAWFORD, FR
[71] THOMSON, JAMES CRAWFORD, FR
[85] 2017-06-15
[86] 2015-12-22 (PCT/GB2015/054108)
[87] (WO2016/102946)
[30] GB (1422937.1) 2014-12-22

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/584 (2006.01) E21B 43/16 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING HYDROCARBONS FROM A WELLBORE UTILIZING OPTIMIZED WATER INJECTION**
[54] **PROCEDES DE PRODUCTION D'HYDROCARBURES A PARTIR D'UN TROU DE FORAGE FAISANT APPEL A UNE INJECTION D'EAU OPTIMISEE**
[72] DAWSON, MATTHEW A., US
[72] LI, HUINA, US
[71] STATOIL GULF SERVICES LLC, US
[85] 2017-06-22
[86] 2015-12-18 (PCT/EP2015/080465)
[87] (WO2016/102357)
[30] US (14/582,353) 2014-12-24

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[13] A1
[51] **Int.Cl. C08L 77/06 (2006.01) B29C 70/46 (2006.01) B29C 70/48 (2006.01) C08J 5/04 (2006.01) D06M 15/59 (2006.01)**
[25] EN
[54] **POLYAMIDE MIXTURE HAVING IMPROVED FLUIDITY**
[54] **MELANGE DE POLYAMIDES A FLUIDITE AMELIOREE**
[72] ORANGE, GILLES, FR
[72] PREBET, CHRISTIANE, FR
[72] TUPINIER, DIDIER, FR
[72] JEOL, STEPHANE, US
[71] RHODIA OPERATIONS, FR
[85] 2017-06-22
[86] 2015-12-21 (PCT/EP2015/080856)
[87] (WO2016/102507)
[30] FR (1463110) 2014-12-22

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/584 (2006.01) E21B 43/16 (2006.01) E21B 43/20 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING HYDROCARBONS FROM A WELLBORE UTILIZING OPTIMIZED HIGH-PRESSURE WATER INJECTION**
[54] **PROCEDES DE PRODUCTION D'HYDROCARBURES A PARTIR D'UN PUITS DE FORAGE PAR INJECTION D'EAU HAUTE PRESSION OPTIMISEE**
[72] DAWSON, MATTHEW A., US
[71] STATOIL GULF SERVICES LLC, US
[85] 2017-06-22
[86] 2015-12-18 (PCT/EP2015/080507)
[87] (WO2016/102371)
[30] US (14/582,395) 2014-12-24

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[71] RHODIA OPERATIONS, FR
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[54] **CARBONATE DE CALCIUM TRAITE EN SURFACE DOTE D'UNE STABILITE AMELIOREE DANS DES ENVIRONNEMENTS AYANT UN PH DE 4,5 A 7**
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[72] BUDDE, TANJA, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
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[72] CARRA, ERNEST A., US
[72] CHAN, BRENDA J. BURKE, US
[72] CHIU, ANNA, US
[72] LAPINA, OLGA VIKTOROVNA, US
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[54] **FUSED PYRIMIDINE COMPOUNDS FOR THE TREATMENT OF HIV**
[54] **COMPOSES DE PYRIMIDINE FUSIONNES POUR LE TRAITEMENT DU VIH**
[72] JANSA, PETR, US
[72] KVASNICA, MIROSLAV, CZ
[72] MACKMAN, RICHARD L., US
[71] GILEAD SCIENCES, INC., US
[71] INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY OF THE AS CR, V.V.I., CZ
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[54] **COMPOSES ISOINDOLINE POUR LE TRAITEMENT DU VIH**
[72] JANSA, PETR, US
[72] MACKMAN, RICHARD L., US
[72] HU, YUNFENG ERIC, US
[72] LANSDON, ERIC, US
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[54] **DERIVES DE QUINAZOLINE UTILISES POUR TRAITER LE VIH**
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[72] LANSDON, ERIC, US
[72] HU, YUNFENG ERIC, US
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[72] MACKMAN, RICHARD L., US
[72] SIMON, PETR, CZ
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[72] MCGURK, MICHAEL, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[54] DISPOSITIF DE FERMETURE HERMETIQUE ET DE DIVISION ELECTROCHIRURGICAL BIPOLAIRE
[72] LE, RICHARD, US
[71] APPPLIED MEDICAL RESOURCES CORPORATION, US
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[54] FORMULATIONS DE SUNITINIB ET LEURS PROCEDES D'UTILISATION DANS LE TRAITEMENT DE TROUBLES OCULAIRES
[72] FU, JIE, US
[72] HANES, JUSTIN, US
[72] KAYS, JOSHUA, US
[72] YU, YUN, US
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[72] LOPEZ, JOSE EDUARDO, US
[72] MCMAHON, JENNIFER ANNE, US
[72] RICHARDS, SIMON JAMES, US
[72] WINNEROSKI, LEONARD LARRY, JR., US
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[54] DISPOSITIF DE GUIDAGE POUR CONTROLER L'ECOULEMENT DE LIQUIDE DANS LE CADRE DE L'ALIMENTATION EN FLUX BIPHASIQUES D'ECHANGEURS DE CHALEUR DE TYPE NOYAU-ENVELOPPE
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[72] BRENNER, STEFFEN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[71] OPENHYDRO IP LIMITED, IE
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[54] SYSTEME DE DEPLACEMENT ET PROCEDE POUR UN SYSTEME ELECTRIQUE SUBMERSIBLE
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[71] RV LIZENZ AG, CH
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[72] KARLSSON, LINUS, SE
[72] SULTAN, BERNT-AKE, SE
[72] SKOGMAN, FREDRIK, SE
[72] RUDER, JOERG H. M., DE
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[54] **COMPOSITION INTUMESCENTE COMPRENANT UNE RESINE EPOXYDE MODIFIEE PAR UN SILICATE**
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[72] ANDERSON, MICHAEL, GB
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
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[72] GREEN, ANDREW DAVID, GB
[72] JARVIS, ADAM PETER, GB
[72] RYAN, PHILIP MICHAEL, GB
[72] THOMAS, MATTHEW RHYS, GB
[72] WILLS, PETER WILLIAM, GB
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[71] LONZA LTD, CH
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[54] **COLLIER COUPE-FEU**
[72] MUNZENBERGER, HERBERT, DE
[72] ARTMANN, HANS HENNING, DE
[72] KOGLER, MARKUS, DE
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[72] SHAH, HARDIK KIRTIKUMAR, IE
[72] PERKIN, KRISTOPHER K., IE
[72] BROWNING, IVAN, IE
[71] ALKERMES PHARMA IRELAND LIMITED, IE
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[72] CHAN, BRENDA J. BURKE, US
[72] CHIU, ANNA, US
[72] GRIGGS, NOLAN, US
[72] HEUMANN, LARS V., US
[72] LATHROP, STEPHEN P., US
[72] REYNOLDS, TROY EVAN, US
[72] SARMA, KESHAB, US
[72] SILER, DAVID ALLEN, US
[72] THOMPSON, ANDREW S., US
[72] WANG, TAO, US
[72] NOTTE, GREGORY, US
[71] GILEAD SCIENCES, INC., US
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[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE**
[72] KIM, SANGHEE, KR
[72] CHANG, HEE CHUL, KR
[72] JUNG, JI HOON, KR
[71] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[71] BIO-SYNECTICS INC., KR
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[54] **NOUVEAUX PRODUITS ET PROCEDES**
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[72] XU, GUOFENG, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **POLYMERE HYPERRAMIFIE MODIFIE PAR UN LIEUR ISOCYANATE ET UN MELANGE DE POLYETHER D'ALKYLE A CHAINES LONGUES ET COURTES**
[72] MERTOGLU, MURAT, BR
[72] WESTERHAUS, FELIX ALEXANDER, DE
[72] STADLER, DANIEL, CN
[72] CRONE, BENEDIKT, DE
[72] MARGUERRE, ANN-KATHRIN, DE
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[54] **SYSTEME ELECTRIQUE COMPRENANT UN EMPILEMENT DE CELLULES ELECTROCHIMIQUES ET PROCEDE DE PILOTAGE DE CE SYSTEME**
[72] PHILIPPOTEAU, VINCENT, FR
[72] RAKOTONDRAINIBE, ANDRE, FR
[71] AREVA STOCKAGE D'ENERGIE, FR
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[72] WOLPERS, FRANZ, DE
[72] SPANKE, MATTHIAS, DE
[72] DONNER, BENJAMIN, DE
[72] YE, WEI, DE
[71] THYSSENKRUPP AG, DE
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[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE**
[72] RINALDI, GIANLUCA, IT
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[72] DEL RIO, ALESSANDRA, IT
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[72] BRUNNER, GEORG, DE
[72] MEMMINGER, OLIVER, DE
[72] SCHIFFERER, KLAUS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[72] RYBERG, THOMAS, SE
[71] ROBOTICS CARE AB, SE
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[72] NISSEN, POVL, DK
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[72] HANSEN, ERLING LENNART, DK
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[72] KIEL JENSEN, OLE, DK
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[54] **MODULE DE CULTURE HORS-SOL DANS LEQUEL LES RACINES DES VEGETAUX SONT ALIMENTEES PAR UN BROUILLARD NUTRITIF, ENSEMBLE DE MODULES ET PROCEDE ASSOCIE**
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[71] ASSISTANCE PUBLIQUE-HOPITAUX DE MARSEILLE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[72] KAPUR, SHIVEN, US
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[54] **COMPOSITION COMPORTANT UN OU PLUSIEURS COMPOSES DE CALCIUM-MAGNESIUM SOUS FORME DE COMPRIMES**
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[54] **PROCEDE PERMETTANT DE DETERMINER UNE GRANDEUR DIGNE D'INTERET DANS UN DOMAINE CIBLE, APPAREIL ET PROGRAMME INFORMATIQUE**
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[72] KOLEHMAINEN, VILLE, FI
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[54] **COMPOSITION MEDICINALE, DISPOSITIF DE TRAITEMENT DE SANG, PRODUIT COSMETIQUE, ALIMENT ET BOISSON UTILISANT UNE MATIERE DE SYNTHESE DE COMBUSTION**
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[72] MARUO, JUNPEI, JP
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[71] OSU CORPORATION, JP
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[72] BREHM, LUDWIG, DE
[72] MADER, SEBASTIAN, CH
[72] TOMPKIN, WAYNE ROBERT, CH
[72] UNAL, ESER ALPER, DE
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[54] **APPAREIL DE TRANSMISSION DE SIGNAL DE RADIODIFFUSION, APPAREIL DE RECEPTION DE SIGNAL DE RADIODIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAL DE RADIODIFFUSION ET PROCEDE DE RECEPTION DE SIGNAL DE RADIODIFFUSION**
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[71] LG ELECTRONICS INC., KR
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[72] SESSA, EUGENE D., US
[72] MONAHAN, ROBIN F., US
[71] NYLOK LLC, US
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[72] FERGUSON, MICHAEL, US
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[72] LEVENSTEIN, LAWRENCE M., US
[72] DAVENPORT, SAMUEL R., US
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[72] BROWN, JEFF, US
[71] VISION EASE, LP, US
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[54] **APPAREIL POUVANT ETRE PORTE POUR CAPTEURS CEREBRAUX**
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[72] COLEMAN, TREVOR, CA
[72] MACKENZIE, SAMUEL THOMAS, CA
[72] GARTEN, ARIEL STEPHANIE, CA
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[72] BUCKRELL, ANDREW J.M., CA
[72] SHORE, COLIN ARTHUR, CA
[72] VANDERWEES, DOUG, CA
[72] ABELS, KENNETH M.A., CA
[71] DANA CANADA CORPORATION, CA
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[54] **ARCHITECTURE D'ORDINATEUR MULTI-MULTIDIMENSIONNEL POUR DES APPLICATIONS DE MEGADONNEES**
[72] WEISER, URI, DE
[72] HOROWITZ, TAL, DE
[72] WANG, JINTANG, DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[51] **Int.Cl. B29C 65/52 (2006.01)**
[25] EN
[54] **METHODS FOR FORMING A TUBE ASSEMBLY UTILIZING A JOINING AGENT**
[54] **PROCEDES DE FORMATION D'UN ENSEMBLE TUBE A L'AIDE D'UN AGENT D'ASSEMBLAGE**
[72] CAI, KEVIN, US
[71] TEKNOR APEX COMPANY, US
[85] 2017-07-04
[86] 2016-03-09 (PCT/US2016/021484)
[87] (WO2016/145028)
[30] US (14/645,885) 2015-03-12

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[51] **Int.Cl. C07D 249/04 (2006.01) A61K 31/4164 (2006.01) A61K 31/4192 (2006.01) A61K 31/495 (2006.01) A61K 51/04 (2006.01) A61P 35/00 (2006.01) C07D 233/64 (2006.01) C07D 295/088 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS FOR CANCER IMAGING AND TREATMENT AND METHODS FOR THEIR USE**
[54] **COMPOSES HETEROCYCLIQUES POUR L'IMAGERIE ET LE TRAITEMENT DU CANCER ET LEURS PROCEDES D'UTILISATION**
[72] FERNANDEZ, JAVIER GARCIA, ES
[72] ANDERSEN, RAYMOND JOHN, CA
[72] BANUELOS, CARMEN ADRIANA, CA
[72] JIAN, KUNZHONG, CA
[72] MAWJI, NASRIN R., CA
[72] SADAR, MARIANNE DOROTHY, CA
[71] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA UNIVERSITY-INDUSTRY LIAISON OFFICE, CA
[85] 2017-07-05
[86] 2016-01-13 (PCT/CA2016/000008)
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[30] US (62/102,719) 2015-01-13

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[51] **Int.Cl. C12P 7/16 (2006.01) C01B 3/12 (2006.01) C01B 3/34 (2006.01) C01B 3/48 (2006.01) C07C 1/20 (2006.01) C12N 1/04 (2006.01) C12P 1/00 (2006.01) C12P 7/06 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **INTEGRATED HYDROGEN PRODUCTION PROCESS**
[54] **PROCEDE INTEGRE DE PRODUCTION D'HYDROGENE**
[72] FOODY, PATRICK J., CA
[71] IOGEN CORPORATION, CA
[85] 2017-07-05
[86] 2016-01-13 (PCT/CA2016/050029)
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[30] US (14/600,241) 2015-01-20
[30] US (14/848,878) 2015-09-09

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[13] A1
[51] **Int.Cl. G01C 21/16 (2006.01) E21C 35/08 (2006.01) G01C 21/18 (2006.01)**
[25] EN
[54] **COMBINED INERTIAL NAVIGATION AND LASER SCANNING COAL SHEARER POSITIONING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE POSITIONNEMENT DE HAVEUSE INTEGRALE PAR BALAYAGE LASER ET NAVIGATION INERTIELLE COMBINES**
[72] LIU, WANLI, CN
[72] LIU, YIMING, CN
[72] ZHANG, BOYUAN, CN
[72] YANG, BINGHAI, CN
[72] ZUO, XUE, CN
[72] LI, YUTAN, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[51] **Int.Cl. B61G 5/02 (2006.01)**
[25] EN
[54] **RAILWAY VEHICLE AND JOINT CONNECTOR THEREOF**
[54] **VEHICULE DE CHEMIN DE FER ET RACCORD D'ARTICULATION DE CELUI-CI**
[72] WANG, XIAOLONG, CN
[71] CRRC QIQIHAR ROLLING STOCK CO., LTD., CN
[85] 2017-07-05
[86] 2016-07-27 (PCT/CN2016/091904)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **NOVEL ANTI-FIBROBLAST ACTIVATION PROTEIN (FAP) ANTIBODIES AND USES DERIVED THEREOF**
[54] **NOUVEAUX ANTICORPS ANTI-PROTEINE D'ACTIVATION DES FIBROBLASTES (FAP) ET UTILISATIONS DE CEUX-CI**
[72] BROKOPP, CHAD, CH
[72] GRIMM, JAN, CH
[72] COMBALUZIER, BENOIT, CH
[72] GOERANSON, MAREIKE, CH
[72] LOHMANN, CHRISTINE, CH
[72] HOERSTRUP, SIMON, CH
[72] NITSCH, ROGER, CH
[71] MABIMMUNE DIAGNOSTICS AG, CH
[71] NEURIMMUNE HOLDING AG, CH
[71] UNIVERSITY OF ZURICH, CH
[85] 2017-07-05
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[13] A1
[51] **Int.Cl. A01G 27/00 (2006.01)**
[25] EN
[54] **PLANT CULTIVATION DEVICE**
[54] **DISPOSITIF DE CULTURE DE PLANTES**
[72] NAKAJIMA, KEIICHI, JP
[71] NATUREDYNE INC., JP
[85] 2017-07-05
[86] 2016-03-10 (PCT/JP2016/001344)
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[51] **Int.Cl. C09K 8/62 (2006.01) E21B 43/247 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR FORMING A FRACTURING FLUID FROM A SOURCE OF METAL-LADEN WATER**
[54] **PROCEDES ET SYSTEMES DE FORMATION D'UN FLUIDE DE FRACTURATION A PARTIR D'UNE SOURCE D'EAU CHARGEE EN METAUX**
[72] LABLANC, BENJAMIN EDWARD, US
[72] REYES, ENRIQUE ANTONIO, US
[72] LABLANC, ALYSSA LYNN, US
[72] BEUTERBAUGH, AARON MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
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[51] **Int.Cl. E21B 49/08 (2006.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **REAL-TIME ULTRASOUND TECHNIQUES TO DETERMINE PARTICLE SIZE DISTRIBUTION**
[54] **TECHNIQUES ULTRASONORES EN TEMPS REEL POUR DETERMINER LA DISTRIBUTION GRANULOMETRIQUE**
[72] KULKARNI, SANDEEP D., US
[72] MCDANIEL, CATO R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
[86] 2015-02-13 (PCT/US2015/015765)
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[51] **Int.Cl. B63B 35/44 (2006.01) B63B 35/03 (2006.01) E21B 15/02 (2006.01)**
[25] EN
[54] **REAL-TIME TRACKING OF BENDING FATIGUE IN COILED TUBING**
[54] **LOCALISATION EN TEMPS REEL DE LA FATIGUE DE FLEXION DANS UN TUBE SPIRALE**
[72] TURNER, ALAN CHARLES JOHN, GB
[72] GILLINGS, RICHARD IAN, GB
[72] SAVENKOVA, ANNA, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) E21B 7/00 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **USING AUGMENTED REALITY TO COLLECT, PROCESS AND SHARE INFORMATION**
[54] **UTILISATION DE LA REALITE AUGMENTEE POUR COLLECTER, TRAITER ET PARTAGER DES INFORMATIONS**
[72] JAMISON, DALE E., US
[72] WILLIAMS, ROBERT L., US
[72] BAR, AMIR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) E21B 4/04 (2006.01)**
[25] EN
[54] **DISTRIBUTING INFORMATION USING ROLE-SPECIFIC AUGMENTED REALITY DEVICES**
[54] **DIFFUSION D'INFORMATIONS A L'AIDE DE DISPOSITIFS DE REALITE AUGMENTEE PROPRES A UN ROLE**
[72] JAMISON, DALE E., US
[72] WILLIAMS, ROBERT L., US
[72] BAR, AMIR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
[86] 2015-02-13 (PCT/US2015/015942)
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[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01)**
[25] EN
[54] **RAIL VEHICLE EVENT TRIGGERING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DECLENCHEMENT D'EVENEMENT DE VEHICULE FERROVIAIRE**
[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] FREITAS, MARK, US
[72] DENINGER, DANIEL A., US
[72] RAVARI, SHAHRIAR, US
[71] SMARTDRIVE SYSTEMS, INC., US
[85] 2017-07-05
[86] 2015-12-18 (PCT/US2015/066873)
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[30] US (14/594,387) 2015-01-12

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 47/00 (2012.01) G01V 1/40 (2006.01)**
[25] EN
[54] **ULTRASOUND COLOR FLOW IMAGING FOR OIL FIELD APPLICATIONS**
[54] **IMAGERIE PAR ULTRASONS A CODAGE COULEUR DES FLUX POUR APPLICATIONS PETROLIERES**
[72] DOTSON, ADAM R., US
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[72] YE, XIANGNAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
[86] 2015-02-27 (PCT/US2015/018095)
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[13] A1
[51] **Int.Cl. A47B 46/00 (2006.01) B64D 11/00 (2006.01) B64D 13/00 (2006.01)**
[25] EN
[54] **PIVOT BIN ASSEMBLY WITH MINIMAL FORCE REQUIRED FOR CLOSING**
[54] **ENSEMBLE BAC PIVOTANT POURVU D'UNE FORCE MINIMALE REQUISE POUR LA FERMETURE**
[72] SAVIAN, SCOTT, US
[71] C&D ZODIAC, INC., US
[85] 2017-07-05
[86] 2015-10-27 (PCT/US2015/057655)
[87] (WO2016/122737)
[30] US (62/109,960) 2015-01-30
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[13] A1
[51] **Int.Cl. B22D 11/124 (2006.01) B22D 11/041 (2006.01) B22D 11/043 (2006.01) B22D 11/16 (2006.01) C21D 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTINUOUSLY CASTING SLAB**
[54] **PROCEDE DE COULEE CONTINUE POUR BRAME**
[72] MURAKAMI, TOSHIHIKO, JP
[72] YOTSUHASHI, HIROYUKI, JP
[72] TAKAYA, SHIN, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-07-05
[86] 2016-01-07 (PCT/JP2016/050304)
[87] (WO2016/114208)
[30] JP (2015-006209) 2015-01-15

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[13] A1
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01) H04J 11/00 (2006.01)**
[25] EN
[54] **BROADCAST SIGNAL TRANSMISSION APPARATUS, BROADCAST SIGNAL RECEPTION APPARATUS, BROADCAST SIGNAL TRANSMISSION METHOD, AND BROADCAST SIGNAL RECEPTION METHOD**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-07-05
[86] 2015-07-07 (PCT/KR2015/007021)
[87] (WO2016/111429)
[30] US (62/099,594) 2015-01-05

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[13] A1
[51] **Int.Cl. B22D 11/128 (2006.01) B22D 11/20 (2006.01)**
[25] EN
[54] **CONTINUOUS-CAST SLAB, METHOD AND APPARATUS OF MANUFACTURING THE SAME, AND METHOD AND APPARATUS OF MANUFACTURING THICK STEEL PLATE**
[54] **PIECE COULEE EN CONTINU, SON PROCEDE ET DISPOSITIF DE FABRICATION, PROCEDE DE FABRICATION ET DISPOSITIF DE FABRICATION POUR PLAQUE D'ACIER EPAISSE**
[72] MIZOGUCHI, TOSHIAKI, JP
[72] UCHIYAMA, HIROAKI, JP
[72] SAKURAI, HIDEAKI, JP
[72] TAKATA, RYOUSUKE, JP
[72] NAGAI, SHINJI, JP
[72] IMAI, SHUNTARO, JP
[72] SAKAI, DAISUKE, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-07-05
[86] 2016-01-13 (PCT/JP2016/050876)
[87] (WO2016/114319)
[30] JP (2015-005945) 2015-01-15
[30] JP (2015-031343) 2015-02-20

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[13] A1
[51] **Int.Cl. A61C 19/00 (2006.01) A61H 39/04 (2006.01)**
[25] EN
[54] **ORAL MOUNTING FIXTURE**
[54] **ACCESSOIRE PORTE A L'INTERIEUR DE LA CAVITE BUCCALE**
[72] SATAKE, SHUICHI, JP
[71] SATAKE, SHUICHI, JP
[85] 2017-07-05
[86] 2016-01-18 (PCT/JP2016/051263)
[87] (WO2016/117496)
[30] JP (2015-008243) 2015-01-20
[30] JP (2015-163433) 2015-08-21

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[13] A1
[51] **Int.Cl. A61K 35/19 (2015.01) A61K 35/33 (2015.01) A61K 35/28 (2015.01)**
[25] EN
[54] **REPAIR AND REJUVENATION OF TISSUES USING PLATELET-RICH PLASMA**
[54] **REPARATION ET REGENERATION DE TISSUS A L'AIDE DE PLASMA RICHE EN PLAQUETTES**
[72] BOSS, WILLIAM K., JR., US
[71] BOSS, WILLIAM K., JR., US
[85] 2017-07-05
[86] 2015-01-15 (PCT/US2015/011620)
[87] (WO2016/114781)

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[13] A1
[51] **Int.Cl. A61J 1/10 (2006.01)**
[25] EN
[54] **POUCH WITH SEALED FITMENT AND METHOD**
[54] **POCHE AVEC RACCORD ETANCHE ET PROCEDE**
[72] PY, DANIEL, US
[71] DR. PY INSTITUTE LLC, US
[85] 2017-07-05
[86] 2016-01-07 (PCT/US2016/012552)
[87] (WO2016/112231)
[30] US (62/100,725) 2015-01-07

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[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01)**
[25] EN
[54] **METHOD FOR FORMING PRESSURE-TESTABLE FIELD JOINT BETWEEN PRE-INSULATED PIPE SECTIONS, AND PIPING SYSTEM WITH PRESURE-TESTABLE FIELD JOINT**
[54] **PROCEDE DE FORMATION D'UNE JONCTION SUR SITE POUVANT ETRE SOUMISE A UN ESSAI DE PRESSION ENTRE DES SECTIONS DE TUYAU PRE-ISOLEES, ET SYSTEME DE TUYAUTERIE AVEC JONCTION SUR SITE POUVANT ETRE SOUMISE A UN ESSAI DE PRESSION**
[72] STONITSCH, LAWRENCE, US
[71] STONITSCH, LAWRENCE, US
[85] 2017-07-05
[86] 2015-12-21 (PCT/US2015/067096)
[87] (WO2016/111840)
[30] US (62/101,533) 2015-01-09

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[13] A1
[51] **Int.Cl. A61K 31/522 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS OF XANTHINE OR XANTHINE DERIVATIVES**
[54] **FORMULATIONS PHARMACEUTIQUES A BASE DE XANTHINE OU DE DERIVES DE XANTHINE**
[72] BAUM, MARK, US
[71] IMPRIMIS PHARMACEUTICALS, INC., US
[85] 2017-07-05
[86] 2015-12-29 (PCT/US2015/067835)
[87] (WO2016/111885)
[30] US (62/100,368) 2015-01-06

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[13] A1
[51] **Int.Cl. E21B 37/06 (2006.01) C09K 8/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR WELLBORE REMEDIATION**
[54] **PROCEDES ET SYSTEMES POUR LA REHABILITATION DE PUITS DE FORAGE**
[72] BEUTERBAUGH, AARON MICHAEL, US
[72] REYES, ENRIQUE ANTONIO, US
[72] LABLANC, ALYSSA LYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-05
[86] 2015-02-12 (PCT/US2015/015597)
[87] (WO2016/130127)

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[13] A1
[51] **Int.Cl. A61M 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSDERMAL ELECTRICAL STIMULATION TO IMPROVE SLEEP**
[54] **SYSTEMES ET PROCEDES DE STIMULATION ELECTRIQUE TRANSDERMIQUE POUR AMELIORER LE SOMMEIL**
[72] TYLER, WILLIAM J., US
[72] BOASSO, ALYSSA M., US
[72] MORTIMORE, HAILEY M., US
[72] SILVA, RHONDA S., US
[72] PAL, SUMON K., US
[72] CHARLESWORTH, JONATHAN, US
[71] THYNC, INC., US
[85] 2017-07-05
[86] 2016-01-05 (PCT/US2016/012128)
[87] (WO2016/111974)
[30] US (62/100,004) 2015-01-05

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[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **QUALITY VALUE UNIT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'UNITE DE VALEUR DE QUALITE**
[72] GAZIANO, PHILIP F., US
[71] QUALITY HEALTH IDEAS, INC., US
[85] 2017-07-05
[86] 2016-01-05 (PCT/US2016/012193)
[87] (WO2016/112016)
[30] US (62/099,740) 2015-01-05

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[13] A1
[51] **Int.Cl. G01N 29/02 (2006.01) G01N 21/15 (2006.01)**
[25] EN
[54] **METHOD OF OBTAINING OR MAINTAINING OPTICAL TRANSMITTANCE INTO DEAERATED LIQUID**
[54] **PROCEDE D'OBTENTION OU DE MAINTIEN DE TRANSMITTANCE OPTIQUE DANS UN LIQUIDE DESAERE**
[72] HICKS, PETER D., US
[72] LI, HUI, US
[72] BRADLEY, MICHAEL E., US
[72] MURCIA, MICHAEL J., US
[72] SCHWARTZ, JOE L., US
[71] ECOLAB USA INC., US
[85] 2017-07-05
[86] 2016-01-08 (PCT/US2016/012611)
[87] (WO2016/112264)
[30] US (14/592,219) 2015-01-08

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 34/10 (2016.01)**
[25] EN
[54] **ANGIOGENIC TREATMENT OF ISCHEMIC HEART DISEASE**
[54] **TRAITEMENT ANGIOGENIQUE D'UNE MALADIE CARDIAQUE ISCHEMIQUE**
[72] GARDNER, VANCE, US
[72] THOMAS, KENNETH, US
[72] JACOBS, JOHN, US
[72] STEGMANN, THOMAS, DE
[72] FLAA, MICKAEL, US
[71] CARDIOVASCULAR BIOTHERAPEUTICS, INC., US
[85] 2017-07-05
[86] 2016-01-05 (PCT/US2016/012241)
[87] (WO2016/112049)
[30] US (62/100,246) 2015-01-06
[30] US (62/100,259) 2015-01-06
[30] US (62/116,757) 2015-02-16
[30] US (62/116,765) 2015-02-16
[30] US (62/159,913) 2015-05-11

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[13] A1
[51] **Int.Cl. A23F 5/24 (2006.01)**
[25] EN
[54] **COFFEE MAKER WITH FEATURES FOR RAPID AND/OR MULTIPLE EXTRACTION PROCESSES, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **MACHINE A CAFE DOTEE DE FONCTIONS POUR DES PROCEDES D'EXTRACTION RAPIDES ET/OU MULTIPLES, AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] AVINS, JOSHUA LEWIS, US
[72] SALOMON, ELI, US
[72] LOFTNESS, PAUL EVAN, US
[72] DAGUE, RANDY C., US
[72] EUGENE, JOSEPH, US
[71] VOGA COFFEE, INC., US
[85] 2017-07-05
[86] 2016-01-11 (PCT/US2016/012910)
[87] (WO2016/115055)
[30] US (14/594,970) 2015-01-12
[30] US (62/171,190) 2015-06-04
[30] US (62/267,185) 2015-12-14

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[51] **Int.Cl. G02B 27/00 (2006.01) B65G 45/22 (2006.01) G01N 21/15 (2006.01)**
[25] EN
[54] **METHOD OF OBTAINING OR MAINTAINING OPTICAL TRANSMITTANCE INTO DEAERATED LIQUID**
[54] **PROCEDE D'OBTENTION OU DE MAINTIEN DE LA TRANSMITTANCE OPTIQUE DANS UN LIQUIDE DESAERE**
[72] HICKS, PETER D., US
[72] LI, HUI, US
[72] BRADLEY, MICHAEL E., US
[72] MURCIA, MICHAEL J., US
[72] BANKS, RODNEY H., US
[72] SCHWARTZ, JOE L., US
[71] ECOLAB USA INC., US
[85] 2017-07-05
[86] 2016-01-08 (PCT/US2016/012648)
[87] (WO2016/112291)
[30] US (14/592,219) 2015-01-08
[30] US (14/596,691) 2015-01-14

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 17/02 (2006.01)**
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[54] **THERAPEUTIC ANGIOGENESIS FOR WOUND HEALING**
[54] **ANGIOGENESE THERAPEUTIQUE POUR LA CICATRISATION DES PLAIES**
[72] GARDNER, VANCE, US
[72] THOMAS, KENNETH, US
[72] JACOBS, JOHN, US
[72] FLAA, MICKAEL, US
[71] CARDIOVASCULAR BIOTHERAPEUTICS, INC., US
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[54] **BONE PLATING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FIXATION DE PLAQUE OSSEUSE**
[72] DAYTON, PAUL, US
[72] HATCH, DANIEL J., US
[72] SMITH, BRET W., US
[72] BRUMFIELD, DAVID L., US
[71] TREACE MEDICAL CONCEPTS, INC., US
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[54] **METHODS AND COMPOSITIONS FOR EBOLA VIRUS VACCINATION**
[54] **METHODES ET COMPOSITIONS POUR LA VACCINATION CONTRE LE VIRUS EBOLA**
[72] JONES, FRANK R., US
[72] GABITZSCH, ELIZABETH, US
[71] ETUBICS CORPORATION, US
[85] 2017-07-05
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[54] **TARGET PATHWAY GENERATING DEVICE AND DRIVING CONTROL DEVICE**
[54] **DISPOSITIF DE GENERATION DE TRAJECTOIRE CIBLE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT**
[72] MATSUDA, TAKURO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-05
[86] 2015-06-30 (PCT/IB2015/001074)
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[54] **TARGET VEHICLE SPEED GENERATION DEVICE AND DRIVE CONTROL DEVICE**
[54] **DISPOSITIF DE GENERATION DE VITESSE DE VEHICULE CIBLE ET DISPOSITIF DE COMMANDE D'ENTRAINEMENT**
[72] SUZUKI, YASUHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-05
[86] 2015-06-30 (PCT/IB2015/001076)
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[54] **TARGET PATHWAY GENERATING DEVICE AND DRIVING CONTROL DEVICE**
[54] **DISPOSITIF DE GENERATION D'ITINERAIRE CIBLE, ET DISPOSITIF DE COMMANDE D'ENTRAINEMENT**
[72] SUZUKI, YASUHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **GOLF BALL TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE BALLE DE GOLF**
[72] DU TOIT, LEENDERT JOHANNES, ZA
[72] MARAIS, SAREL JACOBUS, ZA
[71] EMSS ANTENNAS (PTY) LTD, ZA
[85] 2017-07-05
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[54] **BLOOD BASED BIOMARKERS FOR DIAGNOSING ATHEROSCLEROTIC CORONARY ARTERY DISEASE**
[54] **BIOMARQUEURS SANGUINS POUR LE DIAGNOSTIC DE CORONAROPATHIE ATHEROSCLEREUSE**
[72] VOROS, SZILARD, US
[72] BROWN, BRADLEY O., US
[72] MARVASTY, IDEAN B., US
[71] GLOBAL GENOMICS GROUP, LLC, US
[85] 2017-07-05
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[54] **A METHOD FOR MECHANICAL AND HYDRODYNAMIC MICROFLUIDIC TRANSFECTION AND APPARATUS THEREFOR**
[54] **PROCEDE DE TRANSFECTION MICROFLUIDIQUE MECANIQUE ET HYDRODYNAMIQUE ET APPAREIL CORRESPONDANT**
[72] PAWELL, RYAN, US
[71] INDEE. INC., US
[85] 2017-07-05
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[25] EN
[54] **EMPLOYING HUMAN ADIPOSE-DERIVED STEM CELLS TO PROPAGATE SERUM-DERIVED HEPATITIS C VIRUS AND USE THEREOF**
[54] **UTILISATION DE CELLULES SOUCHES DERIVEES DE TISSU ADIPEUX HUMAIN POUR LA PROPAGATION DU VIRUS DE L'HEPATITE C DERIVEE DU SERUM ET SON UTILISATION**
[72] LIN, CHEN-LUNG, TW
[71] FRONTIER BIO-DRUG DEVELOPMENT LIMITED, VG
[85] 2017-07-05
[86] 2015-01-07 (PCT/CN2015/070243)
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[54] **TOOL ASSEMBLY COMPRISING UNIVERSAL HANDLE AND INTERCHANGEABLE TOOL HEADS**
[54] **ENSEMBLE OUTIL COMPRENANT UN MANCHE UNIVERSEL ET DES TETES D'OUTIL INTERCHANGEABLES**
[72] BALZ, ERIC R., US
[72] GINGRAS, ERIC, US
[72] LATIMER, SCOTT, US
[72] FINISON, JEREMY B., US
[72] ANDERSON, DAN, US
[72] GILBERTSON, SARAH, US
[71] ECOLAB USA INC., US
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[54] **PLUGGABLE PLASMA DISCHARGE TUBE DEVICE**
[54] **DISPOSITIF DE TUBE A DECHARGE DE PLASMA ENFICHABLE**
[72] WANG, SHOUGUO, CN
[71] WANG, SHOUGUO, CN
[85] 2017-07-05
[86] 2015-01-12 (PCT/CN2015/000023)
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[25] EN
[54] **DEVICE AND METHOD FOR REMOVING OCCLUSIONS IN A BIOLOGICAL VESSEL**
[54] **DISPOSITIF ET METHODE D'ELIMINATION D'OCCLUSIONS DANS UN VAISSEAU BIOLOGIQUE**
[72] BEN-AMI, DORON JACOB, IL
[71] TRITICUM LTD., IL
[85] 2017-07-05
[86] 2016-01-25 (PCT/IL2016/050073)
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[25] EN
[54] **SYSTEMS AND METHODS OF MONITORING ACTIVITIES AT A GAMING VENUE**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE D'ACTIVITES A UN LIEU DE JEU**
[72] BULZACKI, ADRIAN, CA
[71] ARB LABS INC., CA
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[54] **OPTICAL PROBES FOR CORRIDOR SURGERY**
[54] **SONDES OPTIQUES POUR CHIRURGIE DE COULOIR**
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] PIRON, CAMERON ANTHONY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING CHARCOAL COMBUSTION FOR COOKING**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE LA COMBUSTION DU CHARBON DE BOIS POUR LA CUISSON**
[72] AHMED, MALLIK, US
[71] W.C. BRADLEY CO., US
[85] 2017-07-05
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[25] EN
[54] **ENGINEERING MECHANICALLY FUNCTIONAL HUMAN CARTILAGE AND METHOD OF MAKING SAME**
[54] **INGENIERIE DE CARTILAGE HUMAIN MECANIQUEMENT FONCTIONNEL ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] BHUMIRATANA, SARINDR, US
[72] VUNJAK-NOVAKOVIC, GORDANA, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2017-07-05
[86] 2016-01-20 (PCT/US2016/014094)
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR AUTOMATICALLY EVALUATING RESECTION ACCURACY**
[54] **PROCEDE, SYSTEME ET APPAREIL D'EVALUATION AUTOMATIQUE DE PRECISION DE RESECTION**
[72] PIRON, CAMERON ANTHONY, CA
[72] PANTHER, ALEXANDER GYLES, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **AIR OUTLET FOR A VENTILATION DEVICE**
[54] **SORTIE D'AIR POUR UN DISPOSITIF DE VENTILATION**
[72] BERNETH, CLAUS-PETER, DE
[72] VIEBAHN, MICHAEL, DE
[72] STOCKLEIN, PETRA, DE
[72] HAGEDORN, MARC, DE
[71] KNAUF GIPS KG, DE
[85] 2017-07-06
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[54] **METHOD FOR APPLYING A METAL PROTECTIVE COATING TO A SURFACE OF A STEEL PRODUCT**
[54] **PROCEDE DE DEPOT D'UN REVETEMENT PROTECTEUR METALLIQUE SUR UNE SURFACE D'UN PRODUIT EN ACIER**
[72] NORDEN, MARTIN, DE
[72] KLUEPPEL, INGO, DE
[72] GIZA, MIROSLAW, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2017-07-06
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[54] **METHOD AND DEVICE FOR REPAIRING A REFRACTORY SHELL OF A METALLURGICAL VESSEL**
[54] **PROCEDE ET DISPOSITIF DE REPARATION DE MANCHONS REFRACTAIRES D'UN CREUSET METALLURGIQUE**
[72] RENGGLI, RAPHAEL, CH
[72] SCHACHER, DAMIAN, CH
[72] GUENTHER, PAUL, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **PROPPANT SOLIDS WITH WATER ABSORBENT MATERIALS AND METHODS OF MAKING THE SAME**
[54] **SOLIDES D'AGENTS DE SOUTENEMENT MIS EN CONTACT AVEC DES MATERIAUX ABSORBANT L'EAU ET PROCEDES DE FABRICATION ASSOCIES**
[72] MONASTIRIOTIS, SPYRIDON, US
[72] LI, YU-CHIN, US
[72] MCDANIEL, ROBERT, US
[71] PREFERRED TECHNOLOGY, LLC, US
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[51] **Int.Cl. G06F 17/27 (2006.01)**
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[54] **SYSTEMS, DEVICES, AND METHODS FOR AUTOMATIC DETECTION OF FEELINGS IN TEXT**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DETECTION AUTOMATIQUE DE SENTIMENTS DANS UN TEXTE**
[72] WALIA, KARAN, CA
[72] MAMONOV, ANTON, CA
[71] CLUEP INC., CA
[85] 2017-07-06
[86] 2015-01-09 (PCT/CA2015/000014)
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[54] **METHOD OF OBTAINING AT LEAST ONE OPERATING PARAMETER OF AN ELECTRICAL SUBSTATION COMPONENT**
[54] **PROCEDE D'OBTENTION D'AU MOINS UN PARAMETRE DE FONCTIONNEMENT D'UN COMPOSANT DE SOUS-STATION ELECTRIQUE**
[72] RICHARDS, SIMON, GB
[72] JENKINS, DYLAN, GB
[72] WEBB, DARREN, GB
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2017-07-06
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[54] **HIGH DYNAMIC RANGE ANALOG-TO-DIGITAL CONVERSION WITH SELECTIVE REGRESSION BASED DATA REPAIR**
[54] **CONVERSION ANALOGIQUE-NUMERIQUE A PLAGE DYNAMIQUE ELEVEE A REPARATION DE DONNEES REPOSANT SUR UNE REGRESSION SELECTIVE**
[72] ANDERSON, MATT, US
[72] POPOVICH, STEVEN, US
[71] SOUND DEVICES, LLC, US
[85] 2017-07-05
[86] 2016-02-10 (PCT/US2016/017281)
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[54] **REDUCED VOLUME ELECTROCHLORINATION CELLS AND METHODS OF MANUFACTURING SAME**
[54] **CELLULES D'ELECTROCHLORATION A VOLUME REDUIT ET LEURS PROCEDES DE FABRICATION**
[72] BEDDOES, PAUL, GB
[72] LIANG, LI-SHIANG, US
[72] GREEN, ANDREW, GB
[72] TELEPCIAK, JACOB, US
[72] GRIFFIS, JOSHUA W., US
[72] DUKES, SIMON, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2017-07-05
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[25] EN
[54] **MOBILE ICON-CENTRIC ENTERPRISE CONTENT MANAGEMENT PLATFORM**
[54] **PLATE-FORME DE GESTION DE CONTENU D'ENTREPRISE CENTREE SUR UNE ICONE MOBILE**
[72] FONTAINE, BRUNO, CA
[72] ORR, JIM, CA
[71] GLASWEGIAN ENTERPRISES INC., CA
[85] 2017-07-06
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[54] **INJECTEUR DE LENTILLE INTRAOCULAIRE**
[72] VANNOY, STEPHEN, US
[72] DOWNER, DAVID A., US
[72] BROWN, KYLE, US
[72] WU, YINGHUI, US
[71] NOVARTIS AG, CH
[85] 2017-07-05
[86] 2016-03-04 (PCT/US2016/020937)
[87] (WO2016/141308)
[30] US (62/128,356) 2015-03-04
[30] US (62/208,064) 2015-08-21
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[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **ACCESSOIRE POUR SOINS BUCCAUX**
[72] ZHANG, BO, CN
[72] WONG, CHI SHING, US
[72] HOHLBEIN, DOUGLAS, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **VISUALIZED AND PRESSURE-BEARING EVALUATION DEVICE FOR DRILLING FLUIDS WELLBORE STRENGTHENING MATERIAL (WSM) AND LOST CIRCULATION MATERIAL (LCM)**
[54] **DISPOSITIF D'EVALUATION VISUALISEE DE PROPRIETE DE MATERIAU D'OBTURATION ET DE BOUCHAGE DE FUITE DE FLUIDE DE FORAGE RESISTANT A LA PRESSION**
[72] ZENG, LIAM, CN
[71] VERTECHS OIL & GAS TECHNOLOGY CO., LTD., CN
[85] 2017-07-06
[86] 2016-04-26 (PCT/CN2016/080196)
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[54] **A NOVEL ANTI-EGFR MONOCLONAL ANTIBODY, METHOD OF MAKING, AND USE THEREOF**
[54] **NOUVEL ANTICORPS MONOCLONAL ANTI-EGFR, PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] QIAN, WEIZHU, CN
[71] SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD., CN
[85] 2017-07-06
[86] 2016-01-04 (PCT/CN2016/070024)
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[30] CN (201510006233.7) 2015-01-07

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[25] EN
[54] **A MINE STORAGE AND HANDLING UNIT**
[54] **UNITE DE STOCKAGE ET DE MANUTENTION DE MINES**
[72] KOTIRANTA, ROOPE, FI
[72] PARTIALA, KIRSI, FI
[72] LINDGREN, JON, FI
[72] HELAMAA, MARTTI, FI
[72] TORNIVAARA, KRISTIAN, FI
[71] SURMA OY, FI
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[51] **Int.Cl. H03K 19/177 (2006.01)**
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[54] **LOGIC BLOCK ARCHITECTURE FOR PROGRAMMABLE GATE ARRAY**
[54] **ARCHITECTURE DE BLOC LOGIQUE POUR RESEAU PREDIFFUSE PROGRAMMABLE**
[72] ROUGE, LAURENT, FR
[72] EYDOUX, JULIEN, FR
[72] MARTHELY, SERGE ALEXANDRE, FR
[71] MENTA, FR
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[51] **Int.Cl. E04B 1/344 (2006.01) E04B 1/348 (2006.01) E04B 1/92 (2006.01) E04H 9/00 (2006.01)**
[25] EN
[54] **EXPANDABLE SAFE ROOM**
[54] **CHAMBRE FORTE EXTENSIBLE**
[72] KLEIN, AMOS, IL
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[54] **JOINT DE PILE A COMBUSTIBLE**
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[72] YUI, HAJIME, JP
[71] NOK CORPORATION, JP
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[54] **ANTICORPS BISPECIFIQUE SE LIANT A TRAILR2 ET A PSMA**
[72] TAKAHASHI, NOBUAKI, JP
[72] NAKAYAMA, MAKOTO, JP
[72] TAKAGI, SAYAKA, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
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[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE DONNEES**
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[72] YAMAMOTO, MAKIKO, JP
[72] MICHAEL, LACHLAN BRUCE, JP
[72] LOGHIN, MUHAMMAD NABIL SVEN, JP
[72] SHINOHARA, YUJI, JP
[71] SONY CORPORATION, JP
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[54] **CONTROLE DU PRETRAITEMENT D'UN MATERIAU DE DEPART TYPE BOIS RESINEUX**
[72] HAGGLUND, KARIN, SE
[71] SEKAB E-TECHNOLOGY AB, SE
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[54] **PRODUCTION OF RHAMNOLIPID COMPOSITIONS**
[54] **PRODUCTION DE COMPOSITIONS A BASE DE RHAMNOLIPIDES**
[72] LOHITHARN, NATTAPORN, US
[72] DERR, DANIEL, US
[71] LOGOS TECHNOLOGIES, LLC, US
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[54] **IMPROVED COLOR SEQUENTIAL DISPLAY**
[54] **AFFICHAGE SEQUENTIEL COULEUR AMELIORE**
[72] KASS, MICHAEL, US
[72] LEE, DOUGLAS BERTRAM, US
[71] MAGIC LEAP, INC., US
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[54] **METHOD FOR INDUCING DIFFERENTIATION OF CORNEAL EPITHELIAL CELLS FROM PLURIPOTENT STEM CELLS**
[54] **PROCEDE PERMETTANT D'INDUIRE LA DIFFERENCIATION DE CELLULES EPITHELIALES CORNEENNES A PARTIR DE CELLULES SOUCHES PLURIPOTENTES**
[72] NISHIDA, KOHJI, JP
[72] HAYASHI, RYUHEI, JP
[72] ISHIKAWA, YUKI, JP
[71] OSAKA UNIVERSITY, JP
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[54] **METHOD AND SYSTEM FOR ENERGY EFFICIENT TORREFACTION OF BIOMASS**
[54] **PROCEDE ET SYSTEME DE TORREFACTION EFFICACE D'UNE BIOMASSE**
[72] BURMAN, JONAS, SE
[72] OLOFSSON, INGEMAR, SE
[72] SJOSTROM, MARTIN, SE
[72] STRANDBERG, MARTIN, SE
[72] NORDIN, ANDERS, SE
[72] SANDSTROM, ERIK, SE
[71] BIOENDEV AB, SE
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[54] **METHOD FOR PRODUCING XYLAN-CONTAINING MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU CONTENANT DU XYLANE**
[72] TSUJI, SHIHO, JP
[72] WATANABE, MASAYUKI, JP
[72] NURUKI, YUTAKA, JP
[72] MIYAWAKI, SHOICHI, JP
[71] NIPPON PAPER INDUSTRIES CO., LTD., JP
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[54] **PATIENT REMOTE AND ASSOCIATED METHODS OF USE WITH A NERVE STIMULATION SYSTEM**
[54] **PATIENT DISTANT ET PROCEDES ASSOCIES D'UTILISATION AVEC UN SYSTEME DE STIMULATION NERVEUSE**
[72] SCHROEDER, DENNIS, US
[72] SCHMID, ERIC, US
[72] JIANG, GUANGQIANG, US
[72] WOOCK, JOHN, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **ATTACHMENT DEVICES AND ASSOCIATED METHODS OF USE WITH A NERVE STIMULATION CHARGING DEVICE**
[54] **DISPOSITIFS DE FIXATION ET PROCEDES ASSOCIES D'UTILISATION AVEC UN CHARGEUR POUR NEUROSTIMULATION**
[72] SCHROEDER, DENNIS, US
[72] COHEN, RAYMOND W., US
[72] JIANG, GUANGQIANG, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **IMPROVED ANTENNA AND METHODS OF USE FOR AN IMPLANTABLE NERVE STIMULATOR**
[54] **ANTENNE AMELIOREE ET PROCEDES D'UTILISATION POUR UN STIMULATEUR NERVEUX IMPLANTABLE**
[72] HASBINI, HISHAM, US
[72] NASSIF, RABIH, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **BIGUANIDE COMPOUND AND USE THEREOF**
[54] **COMPOSE DE BIGUANIDE ET UTILISATION DE CELUI-CI**
[72] KIM, HONG WOO, KR
[72] JEONG, JAE KAP, KR
[72] LEE, JI SUN, KR
[72] HEO, HYE JIN, KR
[72] LEE, HONG BUM, KR
[72] KOOK, JI AE, KR
[72] KIM, SUNG WUK, KR
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[54] **EXTRUDED PROTEIN PRODUCT AND METHODS OF MAKING**
[54] **PRODUIT PROTEIQUE EXTRUDE ET PROCEDES DE PRODUCTION**
[72] WALTHER, GOERAN, US
[72] ROBIE, STEVEN C., US
[72] WRIGHT, KEVIN H., US
[72] LAFAVOR, JOEL R., US
[71] GENERAL MILLS, INC., US
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[54] **KNIFE SHARPENING SHEATH AND METHOD FOR MAKING THE SAME**
[54] **ETUI AIGUISEUR DE COUTEAU ET SON PROCEDE DE FABRICATION**
[72] LIN, HSIN-JUNG, US
[71] LIFETIME BRANDS, INC., US
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[54] **MATERIAL FOR DE-DUSTING GRANULAR ENZYME PREPARATIONS**
[54] **MATERIAU POUR LE DEPOUSSIERAGE DE PREPARATIONS ENZYMATIQUES GRANULAIRES**
[72] KARREMANS, ADRIANUS RUTGERUS ANTONIUS, NL
[72] VAN OORT, MARTINUS GERARDUS, NL
[71] MAURI TECHNOLOGY B.V., NL
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[54] **NON-INVASIVE SYSTEMS AND METHODS FOR TREATMENT OF A HOST CARRYING A VIRUS WITH PHOTOACTIVATABLE DRUGS**
[54] **SYSTEMES ET METHODES NON EFFRACTIFS POUR LE TRAITEMENT D'UN HOTE PORTEUR D'UN VIRUS A L'AIDE DE MEDICAMENTS PHOTOACTIVABLES**
[72] BOURKE, FREDERIC AVERY, US
[72] WALDER, HAROLD, US
[71] IMMUNOLIGHT, LLC, US
[85] 2017-07-06
[86] 2016-01-13 (PCT/US2016/013208)
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[72] LIU, WEIGUO, US
[72] EDMONDSON, SCOTT D., US
[72] ALI, AMJAD, US
[72] GAO, YING-DUO, US
[72] NEELAMKAVIL, SANTHOSH F., US
[72] SO, SUNG-SAU, US
[72] MONINGKA, REMOND, US
[72] SUN, WANYING, US
[72] HRUZA, ALAN, US
[72] BROCKUNIER, LINDA L., US
[71] MERCK SHARP & DOHME CORP., US
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[54] **CONSTITUTIONALLY DYNAMIC POLYMER FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **POLYMERE DYNAMIQUE POUR LE TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] BOUL, PETER JAMES, US
[72] DEVILLE, JAY PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-06
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[54] **DEVICES FOR ESTIMATING REGIONAL METABOLIC RATE OF ORGANS BASED ON HEAT GENERATION AND FOR ESTIMATING REGIONAL BLOOD FLOW(S) FOR THE VOLUME(S) OF TISSUE PERFUSED**
[54] **DISPOSITIFS POUR ESTIMER LE TAUX METABOLIQUE REGIONAL D'ORGANES D'APRES LA PRODUCTION DE CHALEUR ET POUR ESTIMER UN OU DES DEBITS SANGUINS REGIONAUX POUR LE OU LES VOLUMES DE TISSU PERFUSE**
[72] PILE-SPELLMAN, JOHN, US
[72] CHOI, JAE H., US
[72] LIN, ERWIN, US
[71] HYBERNIA MEDICAL LLC, US
[85] 2017-07-06
[86] 2016-01-15 (PCT/US2016/013527)
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[54] **CRAYON CARVING DEVICE**
[54] **DISPOSITIF DE SCULPTURE DE CRAYON**
[72] MOLL, JOSEPH THOMAS, US
[72] HENRY, ROBERT J., US
[72] HO, Y. K., US
[72] NUNGESTER, GREGORY RONALD, US
[71] CRAYOLA, LLC, US
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[30] US (62/103,918) 2015-01-15
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[54] **SYSTEM AND METHOD FOR ILLUMINATION OF A RAIN GUTTER**
[54] **SYSTEME ET PROCEDE D'ECLAIRAGE D'UNE GOUTTIERE**
[72] MARTINEZ, STEPHANE, US
[71] MARTINEZ, STEPHANE, US
[85] 2017-07-06
[86] 2016-01-19 (PCT/US2016/013905)
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[51] **Int.Cl. E21B 49/08 (2006.01) E21B 47/12 (2012.01) G01V 9/00 (2006.01)**
[25] EN
[54] **DETERMINING CHARACTERISTICS OF A FLUID IN A WELLBORE**
[54] **DETERMINATION DES CARACTERISTIQUES D'UN FLUIDE A L'INTERIEUR D'UN PUITS DE FORAGE**
[72] RODNEY, PAUL F., US
[72] ROBERSON, MARK W., US
[72] MANDAL, BATAKRISHNA, US
[72] SHAH, VIMAL V., US
[72] GOODWIN, SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MAIN VALVE WITH GROOVED RIGID INTERNAL STRUCTURE**
[54] **SOUPAPE PRINCIPALE COMPORTANT UNE STRUCTURE INTERNE RIGIDE RAINUREE**
[72] SLIGER, MATTHEW, US
[72] GIFFORD, PAUL, US
[72] FEARNOW, STEVE, US
[71] MUELLER INTERNATIONAL, LLC., US
[85] 2017-07-06
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[54] **COMPOSITIONS AND METHODS FOR COMBINATION INGREDIENT DELIVERY**
[54] **COMPOSITIONS ET PROCEDES D'ADMINISTRATION D'UNE ASSOCIATION D'INGREDIENTS**
[72] ALLIO, MICHAEL K., US
[72] LANE, STEPHEN, US
[72] WO, MARCO, US
[71] THE FIX, LLC, US
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[25] EN
[54] **DOSAGE FORM INCORPORATING AN AMORPHOUS DRUG SOLID SOLUTION**
[54] **FORME PHARMACEUTIQUE INCORPORANT UNE SOLUTION SOLIDE DE MEDICAMENT AMORPHE**
[72] NORIEGA ESCOBAR, MARIA DEL PILAR, CO
[72] URIBE, LAURA RESTREPO, CO
[72] MARCO ENRIQUE, SANJUAN MEJIA, CO
[72] ALTAMAR, CARLOS ARTURO, CO
[72] SILVA BLANCO, CLAUDIA ANDREA, CO
[71] PROCAPS SAS, CO
[85] 2017-07-06
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[30] US (62/100,117) 2015-01-06
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[25] EN
[54] **TYPE III SECRETION INJECTISOME PROTEINS FOR TREATMENT AND PREVENTION OF CHLAMYDIAL INFECTIONS**
[54] **PROTEINES INJECTISOMES A SECRETION DE TYPE III POUR LE TRAITEMENT ET LA PREVENTION D'INFECTIONS CHLAMYDIENNES**
[72] MAHONY, JAMES B., CA
[72] BULIR, DAVID C., CA
[72] STONE, CHRISTOPHER B., CA
[71] MCMASTER UNIVERSITY, CA
[85] 2017-07-07
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[54] **THREADED JOINT FOR COUPLING RODS**
[54] **JOINT FILETE POUR COUPLAGE DE TIGES**
[72] GUSHULAK, RICHIE, CA
[71] DIVERSITY TECHNOLOGIES CORPORATION, CA
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[25] EN
[54] **MULTI FLUID DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE A FLUIDES MULTIPLES**
[72] STRANGE, WARREN, GB
[72] SPEER, IAN, AU
[71] STRADA DESIGN LIMITED, GB
[85] 2017-07-07
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[30] AU (2015900043) 2015-01-08

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[54] **CORNER PIECE FOR PACKAGING**
[54] **PIECE D'ANGLE POUR EMBALLAGE**
[72] D'ANGLADE, PIERRE-MICHEL, CA
[71] ABZAC CANADA INC., CA
[85] 2017-07-07
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[25] EN
[54] **AUTONOMOUS CORRECTION OF ALIGNMENT ERROR IN A MASTER-SLAVE ROBOTIC SYSTEM**
[54] **CORRECTION AUTONOME D'ERREUR D'ALIGNEMENT DANS UN SYSTEME ROBOTIQUE MAITRE-ESCLAVE**
[72] KRALICKY, JOSEPH, US
[72] CAMERON, PETER, US
[71] TITAN MEDICAL INC., CA
[85] 2017-07-07
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[51] **Int.Cl. A63B 24/00 (2006.01) A63B 21/06 (2006.01)**
[25] EN
[54] **EXERCISE TRACKER**
[54] **DETECTEUR D'ACTIVITE PHYSIQUE**
[72] ORFIELD, NOLAN, US
[71] ORFIELD, NOLAN, US
[85] 2017-07-06
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[30] US (62/101,702) 2015-01-09
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[54] **REGULATEUR A DECOUPAGE, ET PROCEDE DE COMMANDE CORRESPONDANT**
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[54] **SYSTEME ET PROCEDE D'INTERROGATION DE SOURCES DE DONNEES**
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[72] SAVOIE, PATRICK, CA
[71] CASWIL CORPORATION, CA
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[54] **SECURITE DE DIFFERENCE D'ALIGNEMENT DANS UN SYSTEME ROBOTIQUE MAITRE-ESCLAVE**
[72] KRALICKY, JOSEPH, US
[72] CAMERON, PETER, CA
[72] ROBERT, RENE, US
[71] TITAN MEDICAL INC., CA
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[54] **COMMUTATEUR DE DESTRUCTION D'ANOMALIE DE NEGOCIATION**
[72] DAMODARAN, ADITYA, US
[72] HUDDLESTON, RICHARD, US
[72] PENDERGAST, JOSEPH, US
[71] MORGAN STANLEY, US
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[54] **COMPOSANT DE STRUCTURE DE SUPPORT DE VOIE EN V**
[72] JALAYER, MEHDI, CA
[72] LOEWEN, NATHAN, CA
[71] DYNAMIC STRUCTURES, LTD., CA
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[54] **AFFICHEUR**
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[72] WEI, DA, CN
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[54] **SIMULATOR FOR PRACTICING TRANS-ORAL SURGERY AND METHOD OF USE THEREOF**
[54] **SIMULATEUR POUR L'ENTRAINEMENT A LA CHIRURGIE TRANS-ORALE ET SON PROCEDE D'UTILISATION**
[72] PODOLSKY, DALE J., CA
[72] FISHER, DAVID M., CA
[72] WONG, KAREN W., CA
[72] DRAKE, JAMES M., CA
[72] FORREST, CHRISTOPHER R., CA
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[54] **BOISSONS SOLUBLES AUX SAVEURS ET AROMES AMELIORES**
[72] CHARLES, CHRISTOPHER, US
[71] STARBUCKS CORPORATION, US
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[54] **MICROPHONE NUMERIQUE MULTICANAL**
[72] LIU, XIN, CN
[72] CHEN, YUJIN, CN
[72] ZHOU, YONGJUN, CN
[71] YUTOU TECHNOLOGY (HANGZHOU) CO., LTD., CN
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[54] **DERIVE 3-ACETYLENYLE-PYRAZOLE-PYRIMIDINE, METHODE DE PREPARATION ET UTILISATIONS CORRESPONDANTES**
[72] YANG, SHENGYONG, CN
[72] WEI, YUQUAN, CN
[71] SI CHUAN UNIVERSITY, CN
[85] 2017-07-07
[86] 2016-01-12 (PCT/CN2016/070725)
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[25] EN
[54] **TIDAL CURRENT ENERGY ELECTRIC GENERATING DEVICE**
[54] **DISPOSITIF DE PRODUCTION D'ELECTRICITE A PARTIR DU COURANT DE MAREE**
[72] LIN, DONG, CN
[71] ZHEJIANG ZHOUSHAN LHD ENERGY DEVELOPMENT CO., LTD., CN
[85] 2017-07-07
[86] 2015-06-30 (PCT/CN2015/083000)
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[54] **HYDROPHOBICALLY ASSOCIATED POLYMER AND PREPARATION METHOD THEREOF**
[54] **POLYMERE ASSOCIE HYDROPHOBE ET PROCEDE POUR SA PREPARATION**
[72] GUO, YONGJUN, CN
[72] LUO, PINGYA, CN
[72] LI, HUABING, CN
[72] ZHANG, XINMIN, CN
[72] GUO, AIMIN, CN
[72] HU, JUN, CN
[71] SICHUAN GUANGYA POLYMER CHEMICAL CO., LTD., CN
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[54] **PROCEDES DE DESTRUCTION ET DE PREVENTION DE BIOFILMS FONGIQUES ET BACTERIENS PAR PERFUSION D'ACIDES AMINES**
[72] BRYAN, THOMAS BENEDICT, US
[72] NOBILE, CLARISSA J., US
[71] BRYAN, THOMAS BENEDICT, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **MULTIPLE FLUID DELIVERY SYSTEM WITH MULTI-USE DISPOSABLE SET AND FEATURES THEREOF**
[54] **SYSTEME MULTIPLE DE DISTRIBUTION DE FLUIDE AVEC ENSEMBLE JETABLE A USAGES MULTIPLES ET CARACTERISTIQUES DE CELUI-CI**
[72] HAURY, JOHN A., US
[72] SWANTNER, MICHAEL, US
[72] SOKOLOV, RICHARD, AU
[72] CULLEN, BENJAMIN JAMES, AU
[72] NORCOTT, ALISON RUTH, AU
[72] MONIS, ERNESTO HUESO, AU
[72] LAW, KAMMAN, AU
[72] PROFACA, MARK SILVIO, AU
[72] SPENCE, PATRICK, US
[72] CAIN, BRIAN E., US
[72] SPOHN, MICHAEL A., US
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[72] ANGERT, JUSTIN, US
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[54] **ZONE D'ENTREE DE LIQUIDE D'ETANCHEITE BASSE PRESSION DANS UNE POMPE A ANNEAU LIQUIDE DE TYPE COMPRESSEUR**
[72] SHENOI, RAMESH BALKUNGE, US
[71] GARDNER DENVER NASH LLC, US
[85] 2017-07-06
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[54] **METHOD FOR PREPARING NEW TYPE OF RECOMBINANT ANTI-TNF-A CHIMERIC MONOCLONAL ANTIBODY AND USE**
[54] **METHODE DE PREPARATION D'UN NOUVEAU TYPE D'ANTICORPS MONOCLONAL CHIMERIQUE RECOMBINANT ANTI-TNF-ALPHA, ET UTILISATION DE CE DERNIER**
[72] QIAN, WEIZHU, CN
[71] SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD., CN
[85] 2017-07-07
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[54] **FORMULATIONS STABLES POUR L'ADMINISTRATION PAR VOIE ORALE D'AMPHOTERICINE B ET METHODES ASSOCIEES**
[72] HNIK, PETER, CA
[71] ICO THERAPEUTICS INC., CA
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[54] **TIDAL CURRENT ENERGY GENERATING DEVICE**
[54] **APPAREIL DE PRODUCTION ELECTRIQUE A ENERGIE DE COURANT DE MAREE**
[72] LIN, DONG, CN
[71] ZHEJIANG ZHOUSHAN LHD ENERGY DEVELOPMENT CO., LTD., CN
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[54] **PROCEDE D'ELEVAGE D'ANIMAUX ET HANGAR POUR ANIMAUX D'ELEVAGE**
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[71] GREENGAGE LIGHTING LTD, GB
[85] 2017-07-07
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[54] **APPAREIL PERMETTANT DE CHAUFFER UNE MATIERE GENERATRICE D'AEROSOL**
[72] JOHN, EDWARD, GB
[72] AOUN, WALID, GB
[72] ALLBUTT, BRYAN, GB
[72] SEAWARD, DAVID ROBERT, GB
[72] PHASEY, DAVID, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[72] POW, ANDREW, US
[72] GRIFFITHS, KATHERINE, AU
[72] COBB, SAMANTHA, AU
[72] VIDUKA, KATERINA, AU
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[71] A.A.A. TARANIS VISUAL LTD., IL
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[54] **GENES DE DETERMINATION DU SEXE ET LEUR UTILISATION EN REPRODUCTION**
[72] VAN DER HULST, RONALDUS GERARDUS MARIA, NL
[72] RICCARDI, PAOLO, NL
[72] GROENENDIJK, JOHANNES SIMON, NL
[72] FALAVIGNA, AGOSTINO, NL
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[54] **SYSTEME DE REFRIGERATION A SORPTION DIVISEE**
[72] PAHWA, DEEPAK, IN
[72] SAHA, BIDYUT BARAN, JP
[72] THU, KYAW, SG
[72] SACHDEV, RAJAN, IN
[72] MALIK, KULDEEP SINGH, IN
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[54] **MACHINE DE TRAITEMENT DE FEUILLES ET SON PROCEDE DE FABRICATION**
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[71] PARMAR, NILESH DHIRAJLAL, IN
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[25] EN
[54] **ASEPTIC CONTAINMENT DEVICE AND PROCESS FOR ITS PRODUCTION AND ASSEMBLY**
[54] **DISPOSITIF DE CONFINEMENT ASEPTIQUE ET PROCEDE POUR SA PRODUCTION ET SON ASSEMBLAGE**
[72] CONSOLARO, ROBERTO, IT
[72] CONSOLARO, ANGELO, IT
[72] KABBUR, RAJEEV, IT
[71] BREVETTI ANGELA S.R.L., IT
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[54] **POWER STORAGE MODULE, POWER STORAGE SYSTEM, ELECTRONIC APPARATUS, ELECTRIC VEHICLE, AND POWER SYSTEM**
[54] **MODULE DE STOCKAGE D'ALIMENTATION, SYSTEME DE STOCKAGE D'ALIMENTATION, APPAREIL ELECTRONIQUE, VEHICULE ELECTRIQUE ET SYSTEME D'ALIMENTATION**
[72] YOSHIDA, NAOTAKE, JP
[72] AOYAMA, TSUTOMU, JP
[72] ADACHI, TATSUYA, JP
[72] ONO, HIROAKI, JP
[72] YOSHIZAWA, NORITSUGU, JP
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[54] **SYSTEME DE CREATION DE RAPPORT D'UTILISATION DE SERVICE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[86] 2016-01-28 (PCT/JP2016/000441)
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[54] **TRICYCLIC SPIRO COMPOUND**
[54] **COMPOSE SPIRO TRICYCLIQUE**
[72] ASADA, MASAKI, JP
[72] TANI, KOUSUKE, JP
[72] HIROBE, MASAYA, JP
[72] HIGUCHI, SATONORI, JP
[72] FUCHIBE, KAZUHIRO, JP
[72] OIKAWA, RYO, JP
[72] KOTANI, TOHRU, JP
[72] TAKANO, HIROTSUGU, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
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[54] **METHOD AND DEVICE FOR TREATING NITROSO COMPOUND**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER UN COMPOSE NITROSE**
[72] YOKOYAMA, KOICHI, JP
[72] MIYAMOTO, EIJI, JP
[72] SHIMAMURA, JUN, JP
[71] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2017-07-07
[86] 2015-01-07 (PCT/JP2015/050280)
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[13] A1
[51] **Int.Cl. D06N 7/04 (2006.01) B44C 1/20 (2006.01) B29C 59/02 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **A METHOD TO PRODUCE A WEAR RESISTANT LAYER WITH DIFFERENT GLOSS LEVELS**
[54] **PROCEDE DE PRODUCTION D'UNE COUCHE RESISTANTE A L'USURE PRESENTANT DIFFERENTS NIVEAUX DE BRILLANCE**
[72] ZIEGLER, GORAN, SE
[72] HAKANSSON, NICLAS, SE
[72] LUNDBLAD, CHRISTER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2017-07-07
[86] 2016-01-13 (PCT/SE2016/050012)
[87] (WO2016/114710)
[30] SE (1550023-4) 2015-01-14

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[13] A1
[51] **Int.Cl. C09J 5/02 (2006.01) B32B 7/12 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **SURFACE ADHESIVE FOR DEVICES**
[54] **ADHESIF DE SURFACE POUR DISPOSITIFS**
[72] CAICEDO-CARVAJAL, CARLOS, US
[72] CLEVENGER, RANDY, US
[72] HONG, SAM, US
[72] KATZ, JORDAN, US
[72] KIM, CHEOLJIN, US
[71] ORTHOBOND, INC., US
[85] 2017-07-07
[86] 2015-01-07 (PCT/US2015/010451)
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[51] **Int.Cl. G03B 17/02 (2006.01) G03B 17/53 (2006.01) G03B 17/56 (2006.01)**
[25] EN
[54] **SELFIE APPARATUS**
[54] **APPAREIL A SELFIE**
[72] KAISER, ERIK A., US
[71] KAISER, ERIK A., US
[85] 2017-07-07
[86] 2015-06-18 (PCT/US2015/036532)
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[30] US (14/678,996) 2015-04-05

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[13] A1
[51] **Int.Cl. A61K 31/22 (2006.01) C07C 31/18 (2006.01) C07C 69/72 (2006.01)**
[25] EN
[54] **METHODS OF SUSTAINING DIETARY KETOSIS AND ITS EFFECTS ON LIPID PROFILE**
[54] **PROCEDES DE MAINTIEN D'UNE CETOSE ALIMENTAIRE ET SON EFFET SUR LE PROFIL LIPIDIQUE**
[72] D'AGOSTINO, DOMINIC PAUL, US
[72] KESL, SHANNON, US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[85] 2017-07-07
[86] 2015-01-13 (PCT/US2015/011165)
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[51] **Int.Cl. C12P 21/06 (2006.01) C12P 21/04 (2006.01)**
[25] EN
[54] **ACTIVATED FORMYLGLYCINE-GENERATING ENZYMES AND METHODS OF PRODUCING AND USING THE SAME**
[54] **ENZYMES GENERANT DE LA FORMYLGLYCINE ACTIVEES ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] RABUKA, DAVID, US
[72] DEHART, GREGORY W., US
[72] HOLDER, PATRICK, US
[72] BAKER, JEANNE, US
[71] R.P. SCHERER TECHNOLOGIES, LLC, US
[85] 2017-07-07
[86] 2015-12-18 (PCT/US2015/066878)
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[30] US (62/112,422) 2015-02-05
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[51] **Int.Cl. A01C 15/04 (2006.01)**
[25] EN
[54] **METERING SYSTEM FOR SOLID PARTICULATE**
[54] **SYSTEME DE DOSAGE POUR MATIERE PARTICULAIRE SOLIDE**
[72] MONTAG, ROGER A., US
[72] MOGLER, ISAAC, US
[72] FEHR, JASON, US
[71] MONTAG INVESTMENTS, LLC, US
[85] 2017-07-07
[86] 2015-01-20 (PCT/US2015/012021)
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[51] **Int.Cl. A01C 15/04 (2006.01)**
[25] EN
[54] **SINGLE PARTICULATE METERING SYSTEM WITH VARIABLE RATE CONTROLS**
[54] **SYSTEME DE COMPTAGE DE PARTICULES UNIQUE AVEC COMMANDES DE DEBIT VARIABLES**
[72] MONTAG, ROGER A., US
[72] MOGLER, ISAAC, US
[72] FEHR, JASON, US
[71] MONTAG INVESTMENTS, LLC, US
[85] 2017-07-07
[86] 2015-01-20 (PCT/US2015/012050)
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[30] US (14/600,664) 2015-01-20

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[13] A1
[51] **Int.Cl. H04L 12/813 (2013.01)**
[25] EN
[54] **DISTRIBUTED STORAGE AND DISTRIBUTED PROCESSING QUERY STATEMENT RECONSTRUCTION IN ACCORDANCE WITH A POLICY**
[54] **RECONSTITUTION D'INSTRUCTIONS D'INTERROGATION AVEC STOCKAGE REPARTI ET TRAITEMENT REPARTI SELON UNE POLITIQUE**
[72] VERMA, PRATIK, US
[72] KHANDUJA, RAKESH, US
[71] BLUETALON, INC., US
[85] 2017-07-07
[86] 2016-01-07 (PCT/US2016/012429)
[87] (WO2016/112161)
[30] US (62/101,341) 2015-01-08
[30] US (14/967,064) 2015-12-11

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DISTRIBUTED STORAGE AND DISTRIBUTED PROCESSING STATEMENT INTERCEPTION AND MODIFICATION**
[54] **INTERCEPTION ET MODIFICATION D'INSTRUCTION DE STOCKAGE DISTRIBUE ET DE TRAITEMENT DISTRIBUE**
[72] VERMA, PRATIK, US
[72] KHANDUJA, RAKESH, US
[71] BLUETALON, INC., US
[85] 2017-07-07
[86] 2016-01-07 (PCT/US2016/012435)
[87] (WO2016/112164)
[30] US (62/101,341) 2015-01-08
[30] US (14/967,095) 2015-12-11

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[51] **Int.Cl. B62D 63/02 (2006.01) B60K 1/04 (2006.01)**
[25] EN
[54] **ELECTRIC VEHICLE**
[54] **VEHICULE ELECTRIQUE**
[72] BERGSTROM, MARK P., US
[72] JOHNSON, BENJAMIN M., US
[72] HERTZBERG, BRIAN T., US
[72] RASKE, BRENT D., US
[72] OWEN, GARY V., US
[72] HELGESON, DAVID D., US
[72] JEPSEN, JEFFREY G., US
[72] JOHNSON, ALYSSA D., US
[71] POLARIS INDUSTRIES INC., US
[85] 2017-07-07
[86] 2016-01-20 (PCT/US2016/014062)
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[13] A1
[51] **Int.Cl. A61K 31/4178 (2006.01)**
[25] EN
[54] **METHODS FOR OLMESARTAN DOSING BY AUC**
[54] **PROCEDES DE DETERMINATION DE POSOLOGIE D'OLMESARTAN PAR ASC**
[72] TRIEU, VUONG, US
[71] AUTOTELIC LLC, US
[85] 2017-07-07
[86] 2016-01-11 (PCT/US2016/012884)
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[30] US (62/101,895) 2015-01-09

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[51] **Int.Cl. B32B 15/01 (2006.01)**
[25] EN
[54] **HYBRID DIMPLE-AND-VOID AUXETIC STRUCTURES WITH ENGINEERED PATTERNS FOR CUSTOMIZED NPR BEHAVIOR**
[54] **STRUCTURES AUXETIQUES A VIDE ET ALVEOLE HYRBRIDES AYANT DES MOTIFS MIS AU POINT POUR UN COMPORTEMENT NPR PESONNALISE**
[72] JETTE, FRANCOIS-XAVIER, CA
[72] PHAM, MINH QUAN, CA
[72] GUERRERO, FABIAN ENRIQUE SANCHEZ, CA
[72] SCHAENZER, MEGAN, CA
[72] SHANIAN, ALI, CA
[72] JAVID, FARHAD, US
[72] BERTOLDI, KATIA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] JETTE, FRANCOIS-XAVIER, CA
[71] PHAM, MINH QUAN, CA
[71] GUERRERO, FABIAN ENRIQUE SANCHEZ, CA
[71] SCHAENZER, MEGAN, CA
[71] SHANIAN, ALI, CA
[85] 2017-07-07
[86] 2016-01-09 (PCT/US2016/012768)
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[30] US (62/101,834) 2015-01-09
[30] US (62/118,823) 2015-02-20

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[51] **Int.Cl. E04H 4/16 (2006.01)**
[25] EN
[54] **POOL CLEANER WITH OPTICAL OUT-OF-WATER AND DEBRIS DETECTION**
[54] **DISPOSITIF DE NETTOYAGE DE PISCINE A DETECTION OPTIQUE DE SORTIE DE L'EAU ET DE DEBRIS**
[72] BARCELOS, NATHANIEL, US
[72] TEUSCHER, SCOTT, US
[71] HAYWARD INDUSTRIES, INC., US
[85] 2017-07-07
[86] 2016-02-22 (PCT/US2016/018933)
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[30] US (62/120,066) 2015-02-24

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[51] **Int.Cl. B04C 5/08 (2006.01) A47L 9/16 (2006.01) B04C 5/103 (2006.01) B04C 5/24 (2006.01) E04H 4/16 (2006.01)**
[25] EN
[54] **SWIMMING POOL CLEANER WITH HYDROCYCLONIC PARTICLE SEPARATOR AND/OR SIX-ROLLER DRIVE SYSTEM**
[54] **NETTOYEUR DE PISCINE AVEC SEPARATEUR DE PARTICULES HYDROCYCLONIQUE ET/OU SYSTEME D'ENTRAINEMENT A SIX ROULEAUX**
[72] HAYES, GRAHAM M., US
[72] TEUSCHER, SCOTT, US
[72] MARCIANO, EDWARD LAWRENCE, US
[71] HAYWARD INDUSTRIES, INC., US
[85] 2017-07-07
[86] 2016-01-26 (PCT/US2016/014914)
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[30] US (62/107,565) 2015-01-26

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[51] **Int.Cl. A61K 31/44 (2006.01) A61K 31/41 (2006.01) C07G 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING GASTROINTESTINAL INFECTIONS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'INFECTIONS GASTRO-INTESTINALES**
[72] SACHS, GEORGE, US
[72] PISEGNA, JOSEPH R., US
[72] SCOTT, DAVID R., US
[72] MARCUS, ELIZABETH A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNITED STATES GOVERNMENT REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012592)
[87] (WO2016/112254)
[30] US (62/101,655) 2015-01-09

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[51] **Int.Cl. A61M 5/178 (2006.01)**
[25] EN
[54] **VARIABLE METERED AIRLESS APPLICATOR WITH CARTRIDGE**
[54] **APPLICATEUR SANS AIR A DOSAGE VARIABLE COMPRENANT UNE CARTOUCHE**
[72] REID, BYRON, US
[72] RAMSDELL, MATTHEW, US
[72] JARDINE, PETER, US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-07-07
[86] 2016-02-24 (PCT/US2016/019419)
[87] (WO2016/140846)
[30] US (14/635,151) 2015-03-02

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[13] A1
[51] **Int.Cl. A61K 31/216 (2006.01) A61K 9/70 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **OXYBUTYNIN TRANSDERMAL THERAPEUTIC SYSTEM COMBINATION**
[54] **COMBINAISON DE SYSTEME THERAPEUTIQUE TRANSDERMIQUE D'OXYBUTYNINE**
[72] CHASE, THOMAS N., US
[72] CLARENCE-SMITH, KATHLEEN E., US
[71] CHASE PHARMACEUTICALS CORPORATION, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012610)
[87] (WO2016/112263)
[30] US (62/101,700) 2015-01-09

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[51] **Int.Cl. A61B 17/16 (2006.01) H01M 10/613 (2014.01) H01M 10/651 (2014.01) H01M 10/658 (2014.01) H01M 2/10 (2006.01) H01M 10/48 (2006.01)**
[25] EN
[54] **BATTERY ENCLOSURE FOR STERILIZEABLE SURGICAL TOOLS HAVING THERMAL INSULATION**
[54] **ENCEINTE DE BATTERIES POUR DES OUTILS CHIRURGICAUX STERILISABLES COMPRENANT UNE ISOLATION THERMIQUE**
[72] PEDICINI, CHRISTOPHER, US
[71] COREX, LLC, US
[85] 2017-07-07
[86] 2016-01-28 (PCT/US2016/015380)
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[30] US (62/108,749) 2015-01-28

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[51] **Int.Cl. H05B 41/26 (2006.01) H02H 1/06 (2006.01) H02J 7/02 (2016.01) H02J 9/02 (2006.01)**
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[54] **EMERGENCY SYSTEM WITH BROWN-OUT DETECTION**
[54] **SYSTEME D'URGENCE A DETECTION DE BAISSES DE TENSION**
[72] HAN, LEI, US
[72] LANE, JOHN, US
[71] HUBBELL INCORPORATED, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012613)
[87] (WO2016/112265)
[30] US (62/101,526) 2015-01-09

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[13] A1
[51] **Int.Cl. B21D 28/24 (2006.01) B29C 55/02 (2006.01) B32B 3/10 (2006.01) B32B 3/24 (2006.01) B32B 38/04 (2006.01)**
[25] EN
[54] **AUXETIC STRUCTURES WITH ANGLED SLOTS IN ENGINEERED PATTERNS FOR CUSTOMIZED NPR BEHAVIOR AND IMPROVED COOLING PERFORMANCE**
[54] **STRUCTURES AUXETIQUES A FENTES INCLINEES SELON DES MOTIFS MIS AU POINT POUR UN COMPORTEMENT NPR PERSONNALISE ET PERFORMANCES DE REFROIDISSEMENT AMELIOREES**
[72] BOOTH-MORRISON, CHRISTOPHER, CA
[72] FARHANGI, MEHRAN, CA
[72] INNES, MATTHEW CHRISTOPHER, CA
[72] SCHAENZER, MEGAN, CA
[72] SHANIAN, ALI, CA
[72] JAVID, FARHAD, US
[72] BERTOLDI, KATIA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] BOOTH-MORRISON, CHRISTOPHER, CA
[71] FARHANGI, MEHRAN, CA
[71] INNES, MATTHEW CHRISTOPHER, CA
[71] SCHAENZER, MEGAN, CA
[71] SHANIAN, ALI, CA
[85] 2017-07-07
[86] 2016-01-09 (PCT/US2016/012769)
[87] (WO2016/112368)
[30] US (62/101,840) 2015-01-09
[30] US (62/118,826) 2015-02-20

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[13] A1
[51] **Int.Cl. C10M 133/04 (2006.01)**
[25] EN
[54] **NOVEL ORGANIC FRICTION MODIFIERS**
[54] **NOUVEAUX MODIFICATEURS DE FROTTEMENT ORGANIQUES**
[72] ZHAO, HAIBO, US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2017-07-07
[86] 2016-03-02 (PCT/US2016/020323)
[87] (WO2016/140998)
[30] US (62/128,092) 2015-03-04

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[13] A1
[51] **Int.Cl. A01N 55/02 (2006.01) A61K 51/08 (2006.01) C07K 5/113 (2006.01)**
[25] EN
[54] **CANCER IMAGING AGENT**
[54] **AGENT D'IMAGERIE DU CANCER**
[72] XU, LE-CUN, US
[71] ENDOCYTE, INC., US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012653)
[87] (WO2016/112293)
[30] US (62/102,036) 2015-01-11
[30] US (62/171,670) 2015-06-05

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[13] A1
[51] **Int.Cl. B23K 26/06 (2014.01) B23K 26/00 (2014.01) H01S 3/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR USE IN LASER SHOCK PEENING PROCESSES**
[54] **PROCEDE ET APPAREIL DESTINES A ETRE UTILISES DANS DES PROCEDES DE MARTELAGE AU LASER PAR CHOCS**
[72] DULANEY, JEFF, US
[72] SOKOL, DAVID, US
[72] O'LOUGHLIN, MARK E., US
[72] GLOVER, KEITH, US
[72] MAY, GARY, US
[71] LSP TECHNOLOGIES, INC., US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012666)
[87] (WO2016/112301)
[30] US (62/101,442) 2015-01-09

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[13] A1
[51] **Int.Cl. A61K 31/365 (2006.01) C07H 17/00 (2006.01) C07H 17/08 (2006.01)**
[25] EN
[54] **TREATMENT OF FILARIAL DISEASES**
[54] **TRAITEMENT DE MALADIES FILARIENNES**
[72] VON GELDERN, THOMAS W., US
[72] KEMPF, DALE J., US
[72] MARSH, KENNAN C., US
[72] TAYLOR, MARK JOHN, GB
[72] WARD, STEPHEN ANDREW, GB
[72] FORD, LOUISE, GB
[72] TURNER, JOSEPH, GB
[71] ABBVIE INC., US
[71] LIVERPOOL SCHOOL OF TROPICAL MEDICINE, GB
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012687)
[87] (WO2016/112317)
[30] US (62/101,484) 2015-01-09

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[13] A1
[51] **Int.Cl. B21D 28/24 (2006.01) B29C 55/02 (2006.01) B32B 3/10 (2006.01) B32B 3/24 (2006.01) B32B 38/04 (2006.01)**
[25] EN
[54] **AUXETIC STRUCTURES WITH DISTORTED PROJECTION SLOTS IN ENGINEERED PATTERNS TO PROVIDE NPR BEHAVIOR AND IMPROVED STRESS PERFORMANCE**
[54] **STRUCTURES AUXETIQUES PRESENTANT DES FENTES DE SAILLIE DEFORMEES DANS DES MOTIFS OBTENUS PAR INGENIERIE AFIN DE FOURNIR UN COMPORTEMENT NPR ET DES PERFORMANCES AMELIOREES A LA CONTRAINTE**
[72] BOOTH-MORRISON, CHRISTOPHER, CA
[72] FARHANGI, MEHRAN, CA
[72] PHAM, MINH QUAN, CA
[72] JAVID, FARHAD, US
[72] BERTOLDI, KATIA, US
[72] TAYLOR, MICHAEL JAMES, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] BOOTH-MORRISON, CHRISTOPHER, CA
[71] FARHANGI, MEHRAN, CA
[71] PHAM, MINH QUAN, CA
[85] 2017-07-07
[86] 2016-01-09 (PCT/US2016/012770)
[87] (WO2016/112369)
[30] US (62/101,852) 2015-01-09
[30] US (62/118,830) 2015-02-20

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[13] A1
[51] **Int.Cl. A61F 13/511 (2006.01)**
[25] EN
[54] **MULTI-CORE ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT A PLUSIEURS NOYAUX**
[72] BORRERO, RICARDO, US
[72] HARRIS, MICHAEL WAYNE, US
[71] PRESTO ABSORBENT PRODUCTS, INC., US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012710)
[87] (WO2016/112328)
[30] US (62/101,469) 2015-01-09

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR BREAKING CELL AGGREGATION AND SEPARATING OR ENRICHING CELLS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE ROMPRE UNE AGREGATION CELLULAIRE ET DE SEPARER OU D'ENRICHIR LES CELLULES**
[72] GUIA, ANTONIO, US
[72] TRUONG, KY, US
[71] AVIVA BIOSCIENCES CORPORATION, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012744)
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[30] US (62/101,938) 2015-01-09

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[13] A1
[51] **Int.Cl. C12N 15/87 (2006.01)**
[25] EN
[54] **METHOD FOR THE TREATMENT OF MALIGNANCIES**
[54] **PROCEDE POUR LE TRAITEMENT DE TUMEURS MALIGNES**
[72] PIERCE, ROBERT H., US
[72] WRIGHT, JOCELYN H., US
[71] ONCOSEC MEDICAL INCORPORATED, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012759)
[87] (WO2016/112359)
[30] US (62/101,850) 2015-01-09
[30] US (62/126,300) 2015-02-27

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[13] A1
[51] **Int.Cl. E04H 12/12 (2006.01)**
[25] EN
[54] **TOWER AND METHOD FOR CONSTRUCTING A TOWER**
[54] **TOUR ET PROCEDE DE CONSTRUCTION D'UNE TOUR**
[72] ZAVITZ, BRYANT, US
[72] LOWNDES, WILLIAM, III, US
[72] KIRKLEY, KEVIN, US
[71] TINDALL CORPORATION, US
[85] 2017-07-07
[86] 2016-01-11 (PCT/US2016/012833)
[87] (WO2016/112376)
[30] US (62/101,617) 2015-01-09
[30] US (14/992,297) 2016-01-11

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[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **AVULSION FRACTION FIXATION CONSTRUCT**
[54] **STRUCTURE DE FIXATION D'UNE FRACTURE D'AVULSION**
[72] ANDERSON, DAVID M., US
[72] DENHAM, GREGORY J., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2017-07-07
[86] 2016-01-09 (PCT/US2016/012762)
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[30] US (62/101,720) 2015-01-09
[30] US (62/257,423) 2015-11-19

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[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR IMAGE RECOGNITION**
[54] **UN SYSTEME ET UNE METHODE DE RECONNAISSANCE D'IMAGE**
[72] LIANG, NINGQING, CN
[72] CHEN, MINGXIU, CN
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[72] PHAM, MINH QUAN, CA
[72] GUERRERO, FABIAN ENRIQUE SANCHEZ, CA
[72] SCHAENZER, MEGAN, CA
[72] SHANIAN, ALI, CA
[72] SMITH-ROBERGE, EVELYNE, CA
[72] JAVID, FARHAD, US
[72] BERTOLDI, KATIA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] INNES, MATTHEW CHRISTOPHER, CA
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[54] **SORBANTS DE CARBONE PERMETTANT L'ELIMINATION D'OXYDES D'AZOTE ET PROCEDES DE FABRICATION DE CES DERNIERS**
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[72] MCNAMARA, GINA L., US
[71] CALGON CARBON CORPORATION, US
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[72] SCHAENZER, MEGAN, CA
[72] SHANIAN, ALI, CA
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[54] **SYSTEME DE SUPPORT POUR DISPOSITIF ELECTRONIQUE**
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[72] PHAM, MINH QUAN, CA
[72] SCHAENZER, MEGAN, CA
[72] SHANIAN, ALI, CA
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[54] **COMPOSES SEMI-CONDUCTEURS ACTIVES A REACTIVITE ELECTROCHIMIQUE ACCRUE ET LEURS PROCEDES ASSOCIES**
[72] CHAIKO, DAVID J., US
[72] ROCKS, SARA (SALLY), US
[71] FLSMIDTH A/S, DK
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[54] **METHODE ET APPAREIL D'AFFICHAGE SYNCHRONE D'IMAGE**
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[54] **SYSTEME DE COMMANDE DE COMBUSTOR D'UN CHAUFFE-EAU AU GAZ OU D'UNE CHAUDIERE SUSPENDUE AU MUR, ET METHODE DE COMMANDE ASSOCIEE**
[72] QIU, BU, CN
[72] BI, DAYAN, CN
[72] LI, ZHI, CN
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[54] **OUTILS DE FORAGE COMPORTANT DES MATRICES AVEC ALLIAGES DE FORMATION DE CARBURE, ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
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[72] LAMBERT, CHRISTIAN M., US
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[54] **SYSTEME DE DETECTION DE QUALITE D'AIR ET PROCEDE DE DETECTION POUR ROBOT**
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[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT ET DE LECTURE D'INSTRUCTIONS BASEES SUR LE WEB**
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[54] **PROCEDE PERMETTANT DE FABRIQUER UN MATERIAU SOUS FORME DE PLAQUE POUR UN PROCESSUS ELECTROCHIMIQUE**
[72] MAXE, JAN-OLOF, SE
[72] BAMFORTH, PETER, SE
[72] PIITULAINEN, TIMO, SE
[72] RANDSTROM, SARA, SE
[72] AHRMAN, HENRIK, SE
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[54] **PROCEDE DE TRAITEMENT DE MATIERES LIGNOCELLULOSIQUES**
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[54] **PROCEDES ET SYSTEMES DE CARACTERISATION DE FLUIDE DE FOND DE TROU EMPLOYANT UN TUBAGE COMPRENANT UN AGENCEMENT DE PLUSIEURS ELECTRODES**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **UN RESEAU D'ELECTRODES POUR SURVEILLANCE PHYSIOLOGIQUE ET DISPOSITIF COMPRENANT OU UTILISANT CELUI-CI**
[72] RACHELI, NOAM, IL
[72] YESHAYA, AVIAD, IL
[72] ZUCKERMAN-STARK, GALIT, IL
[72] BEN-ISRAEL, NIR, IL
[72] AMOSSI, AVIEM, IL
[71] MEDASENSE BIOMETRICS LTD., IL
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[71] CURVER LUXEMBOURG SARL, LU
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[54] **PROCEDE DE TRAITEMENT DE L'EAU CONTENANT DU CHROME**
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[72] NAKAI, OSAMU, JP
[72] SHIBAYAMA, KEISUKE, JP
[72] SHIRAI, SHO, JP
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[54] **DISPOSITIF D'EMPILEMENT D'ACIER FORME**
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[72] ASADA, HIROSHI, JP
[72] IENARI, TOORU, JP
[72] MATSUZAWA, KATSUYASU, JP
[71] NISSHIN STEEL CO.,LTD., JP
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[54] **DISPOSITIF DE REDUCTION DE LA CONCENTRATION DE CO2**
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[72] KANEEDA, MASATO, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] SHIRASAKA, TOSHIAKI, JP
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[54] **IMAGERIE PAR ULTRASONS A CODAGE COULEUR DES FLUX POUR APPLICATIONS DE FORAGE**
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[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[72] YE, XIANGNAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FORMATION DE LIANT LOCALISE DANS UN OUTIL DE FORAGE**
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[72] VOGLEWEDE, DANIEL B., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF ET PROCEDES DE DISTRIBUTION DE MICRO-GOUTTELETTES**
[72] IVRI, YEHUDA, US
[71] KEDALION THERAPEUTICS, INC., US
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[54] **CAPTEUR DE TEMPERATURE**
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[72] MONRO, TANYA, AU
[71] THE UNIVERSITY OF ADELAIDE, AU
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[54] **SYSTEME ET PROCEDE D'ECHANGE DE DONNEES DE SOINS DE SANTE**
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[72] PATHAK, DHIRAJ, US
[71] PRICEWATERHOUSECOOPERS LLP, US
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[54] **SYSTEM AND METHOD FOR MAPPING NAVIGATION SPACE TO PATIENT SPACE IN A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE DE MISE EN CORRESPONDANCE D'UN ESPACE DE NAVIGATION AVEC L'ESPACE PATIENT AU COURS D'UN ACTE MEDICAL**
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[72] LUI, DOROTHY, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] DYER, KELLY NOEL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **CAPTEURS POUR ROBOTS SOUPLES ET ACTIONNEURS SOUPLES**
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[72] WHITESIDES, GEORGE M., US
[72] SHEVCHENKO, YANINA, US
[72] MOSADEGH, BOBAK, US
[72] GALLOWAY, KEVIN C., US
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[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[25] EN
[54] **SOD HANDLING APPARATUS**
[54] **APPAREIL DE MANIPULATION DE GAZON**
[72] BROUWER, GERARDUS J., CA
[72] RATSEP, RALPH, CA
[72] MILWAIN, ROBERT, CA
[72] HENDRIKS, MATHIAS MARIE GERARDUS, NL
[71] 1045929 ONTARIO LIMITED, CA
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[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'AMPLIFICATION DE SIGNAUX**
[72] HUANG, WEI, CN
[72] FENG, XIANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **A METHOD FOR INCREASING PROGRAMMING SPEED OF A SYSTEM FIRMWARE**
[54] **PROCEDE D'AMELIORATION DE LA VITESSE DE PROGRAMMATION D'UN MICROLOGICIEL SYSTEME**
[72] LIU, SHENGHUA, CN
[71] YUTOU TECHNOLOGY (HANGZHOU) CO., LTD., CN
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[30] CN (201510015528.0) 2015-01-12

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[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING HIGH-PURITY VANADIUM PENTOXIDE POWDER**
[54] **SYSTEME ET PROCEDE DE PREPARATION DE POUDRE DE PENTOXYDE DE DIVANADIUM DE GRANDE PURETE**
[72] FAN, CHUANLIN, CN
[72] ZHU, QINGSHAN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN
[85] 2017-07-11
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[51] **Int.Cl. A23B 5/005 (2006.01) A23B 5/10 (2006.01) A23L 3/12 (2006.01)**
[25] EN
[54] **PASTEURIZATION ENABLING IMPROVED VIRAL AND BACTERIAL INACTIVATION LEVELS OF IN-SHELL CHICKEN EGGS WITHOUT LOSS OF RAW CHARACTERISTICS**
[54] **PASTEURISATION PERMETTANT D'AMELIORER LES NIVEAUX D'INACTIVATION VIRALE ET BACTERIENNE DES □UFS DE POULE EN COQUILLE SANS PERTE DES CARACTERISTIQUES NATURELLES**
[72] DAVIDSON, L. JOHN, US
[71] DAVIDSON, L. JOHN, US
[85] 2017-07-10
[86] 2016-01-15 (PCT/US2016/013669)
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[30] US (62/104,374) 2015-01-16

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[51] **Int.Cl. G01N 21/17 (2006.01) G01N 21/66 (2006.01) G01N 27/26 (2006.01) G01N 27/30 (2006.01)**
[25] EN
[54] **THIN-LAYER SPECTROELECTROCHEMICAL CELL FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **CELLULE DE SPECTRO-ELECTROCHIMIE A COUCHE MINCE DESTINEE A ETRE UTILISEE DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] SHEN, JING, US
[72] ZHANG, WEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-10
[86] 2015-02-20 (PCT/US2015/016760)
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[51] **Int.Cl. A61H 31/02 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **VENTILATION MASK**
[54] **MASQUE DE VENTILATION**
[72] RITZ, GAVIN, AU
[72] RITZ, DEBORAH, AU
[71] INTERNATIONAL HEALTH GROUP PTY LTD, AU
[85] 2017-07-11
[86] 2015-11-11 (PCT/AU2015/050702)
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[30] AU (2015900220) 2015-01-27

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[51] **Int.Cl. B23K 26/08 (2014.01) B23K 26/242 (2014.01) B29C 65/16 (2006.01)**
[25] EN
[54] **OSCILLATING REMOTE LASER WELDING ON A FILLET LAP JOINT**
[54] **SOUDAGE AU LASER A DISTANCE OSCILLANT SUR UNE SOUDURE A RECOUVREMENT**
[72] HANSCHMANN, FLORIAN, CA
[72] CLAYTON, JONATHAN MICHAEL, US
[72] GARNER, SCOTT, US
[71] MAGNA INTERNATIONAL INC., CA
[85] 2017-07-10
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[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING HIGH-PURITY VANADIUM PENTOXIDE POWDER**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE POUDRE DE PENTOXYDE DE DIVANADIUM DE HAUTE PURETE**
[72] FAN, CHUANLIN, CN
[72] ZHU, QINGSHAN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
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[30] CN (201510051580.1) 2015-01-30

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[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMER COMPOSITIONS AND METHODS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **COMPOSITIONS DE POLYMERE RETICULE ET PROCEDES UTILISES DANS DES OPERATIONS DANS UNE FORMATION SOUTERRAINE**
[72] ZHOU, HUI, US
[72] ZHA, WEIBIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-10
[86] 2015-02-23 (PCT/US2015/017058)
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[51] **Int.Cl. C09K 8/60 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **CROSSLINKED POLYMER COMPOSITIONS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **COMPOSITIONS DE POLYMERE RETICULE UTILISEES DANS DES OPERATIONS DANS UNE FORMATION SOUTERRAINE**
[72] ZHA, WEIBIN, US
[72] GALINDO, KAY A., US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-10
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[51] **Int.Cl. B04C 11/00 (2006.01) G01F 1/20 (2006.01) G01F 5/00 (2006.01) G01F 23/18 (2006.01) G01M 3/26 (2006.01)**
[25] EN
[54] **SENSOR DETECTION OF THE PRESENCE OF AN AIR CORE IN A FLUID CONDUCTOR, AND THE FLOW RATE OF THE FLUID IN THE CONDUCTOR**
[54] **DETECTION PAR CAPTEUR DE LA PRESENCE D'UN NOYAU D'AIR DANS UN CONDUCTEUR DE FLUIDE, ET DEBIT DU FLUIDE DANS LE CONDUCTEUR**
[72] MARON, ROBERT J., US
[72] MEDINA, JUAN F., US
[72] CIRULIS, DYLAN, US
[72] MERCURI, JOSEPH, US
[71] CIDRA CORPORATE SERVICES INC., US
[85] 2017-07-10
[86] 2016-02-05 (PCT/US2016/016721)
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[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING HIGH-PURITY VANADIUM TETRAOXIDE POWDER**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE POUDRE DE TETRAOXYDE DE VANADIUM DE HAUTE PURETE**
[72] ZHU, QINGSHAN, CN
[72] FAN, CHUANLIN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN
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[30] CN (201510052177.0) 2015-01-30

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[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 21/35 (2014.01) G01N 21/55 (2014.01) G01N 33/553 (2006.01)**
[25] EN
[54] **BIOSENSOR FOR CONFORMATION AND SECONDARY STRUCTURE ANALYSIS**
[54] **BIOCAPTEUR POUR LA CONFORMATION ET L'ANALYSE D'UNE STRUCTURE SECONDAIRE**
[72] GERWERT, KLAUS, DE
[72] WILTFANG, JENS, DE
[72] OLLESCH, JULIAN, DE
[72] NABERS, ANDREAS, DE
[72] SCHARTNER, JONAS, DE
[72] KOTTING, CARSTEN, DE
[71] RUHR-UNIVERSITAT BOCHUM, DE
[71] UNIVERSITAT DUISBURG-ESSEN, DE
[85] 2017-07-11
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[13] A1
[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PURIFYING VANADIUM PENTOXIDE**
[54] **SYSTEME ET PROCEDE DE PURIFICATION DE PENTOXYDE DE VANADIUM**
[72] ZHU, QINGSHAN, CN
[72] FAN, CHUANLIN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
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[13] A1
[51] **Int.Cl. G10L 15/00 (2013.01)**
[25] EN
[54] **VOICE RECOGNITION SYSTEM AND METHOD OF ROBOT SYSTEM**
[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE VOCALE DE SYSTEME DE ROBOT**
[72] CAI, PENG, CN
[72] GAO, PENG, CN
[72] JIANG, TAO, CN
[72] CHENG, YITANG, CN
[72] XIANG, WENJIE, CN
[71] YUTOU TECHNOLOGY (HANGZHOU) CO., LTD., CN
[85] 2017-07-11
[86] 2015-06-12 (PCT/CN2015/081409)
[87] (WO2016/112634)
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[13] A1
[51] **Int.Cl. C01G 31/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PURIFYING AND PREPARING HIGH-PURITY VANADIUM PENTOXIDE POWDER**
[54] **SYSTEME ET PROCEDE POUR PURIFIER ET PREPARER UNE POUDRE DE PENTOXYDE DE VANADIUM DE HAUTE PURETE**
[72] ZHU, QINGSHAN, CN
[72] YANG, HAITAO, CN
[72] FAN, CHUANLIN, CN
[72] MU, WENHENG, CN
[72] LIU, JIBIN, CN
[72] WANG, CUNHU, CN
[72] BAN, QIXUN, CN
[71] BEIJING ZHONGKAIHONGDE TECHNOLOGY CO., LTD., CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES, CN
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[13] A1
[51] **Int.Cl. A61F 13/02 (2006.01) A61L 15/42 (2006.01)**
[25] EN
[54] **KINESIOLOGY TAPE BANDAGE**
[54] **BANDAGE DE BANDE DE KINESIOLOGIE**
[72] CAPOBIANCO, STEVEN, US
[72] VAN DEN DRIES, GREGORY, US
[71] ROCKTAPE, INC., US
[85] 2017-07-07
[86] 2014-05-16 (PCT/US2014/038438)
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[51] **Int.Cl. H03K 19/177 (2006.01) G01R 31/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TESTING AND CONFIGURATION OF AN FPGA**
[54] **SYSTEME ET PROCEDE D'ESSAI ET DE CONFIGURATION D'UN RESEAU PREDIFFUSE PROGRAMMABLE PAR L'UTILISATEUR**
[72] ROUGE, LAURENT, FR
[72] EYDOUX, JULIEN, FR
[72] GIUFFRE, MARCELLO, FR
[71] MENTA, FR
[85] 2017-07-11
[86] 2016-10-07 (PCT/EP2016/074076)
[87] (WO2017/063957)
[30] EP (15306641.0) 2015-10-15

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[13] A1
[51] **Int.Cl. F02B 75/04 (2006.01) F02B 75/32 (2006.01)**
[25] EN
[54] **DOUBLE-LINK PISTON CRANK MECHANISM FOR INTERNAL COMBUSTION ENGINE**
[54] **MECANISME A PISTON ET MANIVELLE A DOUBLE BIELLETTE POUR MOTEUR A COMBUSTION INTERNE**
[72] TANABE, TAKASHI, JP
[72] MOTEKI, KATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-07-11
[86] 2015-01-15 (PCT/JP2015/050873)
[87] (WO2016/113872)

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[13] A1
[51] **Int.Cl. F16L 55/00 (2006.01)**
[25] EN
[54] **FLOW-UNDISRUPTED PROCESS**
[54] **PROCEDE ININTERROMPU PAR L'ECOULEMENT**
[72] SATO, YASUNARI, JP
[71] SUIKEN CO., LTD., JP
[85] 2017-07-11
[86] 2015-01-26 (PCT/JP2015/051982)
[87] (WO2016/120961)

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[13] A1
[51] **Int.Cl. A61K 31/58 (2006.01) A61K 9/08 (2006.01) A61K 9/12 (2006.01) A61P 1/04 (2006.01)**
[25] EN
[54] **ENEMA FOR RECTAL APPLICATION**
[54] **LAVEMENT POUR APPLICATION RECTALE**
[72] YAMADA, YOJI, JP
[72] KONDO, SYOJI, JP
[72] KAJIOKA, TOSHIFUMI, JP
[71] EA PHARMA CO., LTD., JP
[85] 2017-07-11
[86] 2015-07-21 (PCT/JP2015/070667)
[87] (WO2016/121147)
[30] JP (2015-012723) 2015-01-26

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[51] **Int.Cl. A61M 11/02 (2006.01) A61K 9/72 (2006.01) A61M 11/06 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **RESPIRATORY INTERFACE**
[54] **INTERFACE RESPIRATOIRE**
[72] GULKA, NOEL, CA
[72] BARAN, GEORGE, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2017-07-11
[86] 2016-01-13 (PCT/IB2016/050143)
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[30] US (62/102,813) 2015-01-13

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[13] A1
[51] **Int.Cl. B01J 20/06 (2006.01) B01J 20/02 (2006.01) B01J 20/30 (2006.01) G21F 9/02 (2006.01) G21F 9/12 (2006.01)**
[25] EN
[54] **ADSORBENT AND METHOD FOR PRODUCING SAME**
[54] **ADSORBANT ET SON PROCEDE DE PRODUCTION**
[72] MIYABE, SHINSUKE, JP
[72] KINOSE, YUTAKA, JP
[72] KOZASU, KENTA, JP
[72] SAKAMOTO, TAKESHI, JP
[72] SATOU, KIYOSHI, JP
[72] SUGIHARA, KAORI, JP
[71] NIPPON CHEMICAL INDUSTRIAL CO., LTD., JP
[85] 2017-07-11
[86] 2016-01-13 (PCT/JP2016/050795)
[87] (WO2016/121497)
[30] JP (2015-011915) 2015-01-26

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[13] A1
[51] **Int.Cl. A47J 37/08 (2006.01) F24C 1/00 (2006.01)**
[25] EN
[54] **HEATING COOKER**
[54] **DISPOSITIF DE CHAUFFAGE ET DE CUISSON**
[72] NIIZUMI, DAISUKE, JP
[71] BALMUDA INC., JP
[85] 2017-07-11
[86] 2016-01-22 (PCT/JP2016/051793)
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[30] JP (2015-011474) 2015-01-23

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[13] A1
[51] **Int.Cl. C01F 7/22 (2006.01) C01D 7/00 (2006.01) C22B 3/10 (2006.01) C22B 3/28 (2006.01)**
[25] EN
[54] **ALUMINA AND CARBONATE PRODUCTION METHOD FROM AL-RICH MATERIALS WITH INTEGRATED CO2 UTILIZATION**
[54] **PROCEDE DE PRODUCTION D'ALUMINE ET DE CARBONATE A PARTIR DE MATIERES RICHES EN AL AVEC UTILISATION INTEGREE DE CO2**
[72] ARANDA, ASUNCION, NO
[72] MASTIN, JOHANN, NO
[71] NORDIC MINING ASA, NO
[71] INSTITUTT FOR ENERGITEKNIKK, NO
[85] 2017-07-11
[86] 2015-03-11 (PCT/NO2015/050049)
[87] (WO2015/137823)
[30] NO (20140317) 2014-03-12

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01)**
[25] EN
[54] **TECHNIQUES FOR MANAGING A REMOTE WEB CLIENT FROM AN APPLICATION ON A MOBILE DEVICE**
[54] **TECHNIQUES DE GESTION D'UN CLIENT WEB DISTANT A PARTIR D'UNE APPLICATION SUR UN DISPOSITIF MOBILE**
[72] ACTON, BRIAN, US
[72] LOH, JOHNATHAN, US
[72] KOUM, JAN, US
[72] SADRI, PASHI, US
[71] WHATSAPP INC., US
[85] 2017-07-11
[86] 2015-04-03 (PCT/US2015/024187)
[87] (WO2016/114806)
[30] US (62/102,815) 2015-01-13
[30] US (14/676,881) 2015-04-02

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[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **FLOW-ACTIVATED FILL VALVE ASSEMBLY FOR CASED HOLE**
[54] **ENSEMBLE DE VANNES DE REMPLISSAGE ACTIVEES PAR ECOULEMENT POUR PUITS TUBE**
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-11
[86] 2015-02-20 (PCT/US2015/016861)
[87] (WO2016/133541)

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[13] A1
[51] Int.Cl. F16J 15/00 (2006.01)
[25] EN
[54] A SPACER AND GASKET ASSEMBLY FOR USE ON AN AIRCRAFT
[54] ENSEMBLE ENTRETOISE ET JOINT A UTILISER SUR UN AVION
[72] BOYD, MATT, US
[72] BUSBY, JEFF, US
[72] SCHMIDT, DAVID, US
[71] THE PATENT WELL LLC, US
[71] BOYD, MATT, US
[71] BUSBY, JEFF, US
[71] SCHMIDT, DAVID, US
[85] 2017-07-11
[86] 2015-04-28 (PCT/US2015/027985)
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[30] US (14/264,216) 2014-04-29

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[13] A1
[51] Int.Cl. C12M 1/00 (2006.01) A01G 7/04 (2006.01) A01G 31/02 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01)
[25] EN
[54] AUTOMATED HYBRID AQUAPONICS AND BIOREACTOR SYSTEM INCLUDING PRODUCT PROCESSING AND STORAGE FACILITIES WITH INTEGRATED ROBOTICS, CONTROL SYSTEM, AND RENEWABLE ENERGY SYSTEM
[54] SYSTEME D'AQUAPONIE HYBRIDE AUTOMATISE ET DE BIOREACTEUR COMPRENANT DES INSTALLATIONS DE TRAITEMENT ET DE STOCKAGE DE PRODUITS AVEC UNE ROBOTIQUE INTEGREE, SYSTEME DE COMMANDE, ET SYSTEME D'ENERGIE RENOUVELABLE
[72] FRIESTH, KEVIN, US
[71] FRIESTH, KEVIN, US
[85] 2017-07-11
[86] 2014-05-01 (PCT/US2014/036410)
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[51] Int.Cl. G06F 17/28 (2006.01)
[25] EN
[54] SYSTEM AND METHOD FOR LANGUAGE SPECIFIC ROUTING
[54] SYSTEME ET PROCEDE DE ROUTAGE SPECIFIQUE A UNE LANGUE
[72] NEIDERMYER, RICHARD M., US
[72] LYNCH, DAVID JOHNSTON, US
[71] INTERACTIVE INTELLIGENCE GROUP, INC., US
[85] 2017-07-11
[86] 2014-12-23 (PCT/US2014/072085)
[87] (WO2016/105376)
[30] US (14/580,547) 2014-12-23

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[51] Int.Cl. A61B 18/18 (2006.01)
[25] EN
[54] TAPERED PRECISION BLADE ELECTROSURGICAL INSTRUMENT
[54] INSTRUMENT ELECTROCHIRURGICAL A LAME DE PRECISION EFFILEE
[72] BORGMEIER, PAUL R., US
[72] WALTER, BRIAN J., US
[72] GREEP, DARCY W., US
[71] MEGADYNE MEDICAL PRODUCTS, INC., US
[85] 2017-07-11
[86] 2015-01-13 (PCT/US2015/011127)
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[13] A1
[51] Int.Cl. G06F 19/00 (2011.01) A61K 31/415 (2006.01) A61K 31/60 (2006.01)
[25] EN
[54] METHOD FOR INDIVIDUALIZED DRUG THERAPY
[54] METHODE POUR PHARMACOTHERAPIE INDIVIDUALISEE
[72] TRIEU, VUONG, US
[71] AUTOTELIC LLC, US
[85] 2017-07-11
[86] 2015-01-13 (PCT/US2015/011148)
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[51] Int.Cl. B60B 7/01 (2006.01) B60B 7/04 (2006.01) B60C 25/00 (2006.01)
[25] FR
[54] WHEEL RIM PROTECTOR
[54] PROTEGE-JANTE
[72] BOUCHER, ERIC, CA
[71] BOUCHER, ERIC, CA
[85] 2017-07-04
[86] 2016-01-15 (PCT/CA2016/000011)
[87] (WO2016/112457)
[30] US (62/103,623) 2015-01-15

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[51] Int.Cl. C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/72 (2006.01) C08J 9/14 (2006.01) C08L 75/04 (2006.01)
[25] EN
[54] PROCESS FOR EXTENDING THE SHELF LIFE OF GASEOUS OLEFINIC PROPELLANTS IN POLYURETHANE FOAMS
[54] PROCEDE POUR PROLONGER LA DUREE DE VIE DE PROPULSEURS OLEFINIQUES GAZEUX DANS DES MOUSSES DE POLYURETHANNE
[72] TAYLOR, ANTHONY J., US
[72] SHOEMAKER, JULIE L., US
[72] SHINKO, ANDREW P., US
[71] FOMO PRODUCTS, INC., US
[85] 2017-07-11
[86] 2016-01-11 (PCT/US2016/012818)
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[30] US (62/102,289) 2015-01-12

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[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **ENCAPSULATION D'AROME FAISANT INTERVENIR L'ATOMISATION ELECTROSTATIQUE**
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[72] BUNCHEAN, BENJAMIN, US
[72] SU, CHIN-PING, US
[72] GUNDLACH, MICHAEL, US
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[72] WU, KENNETH KUN-YU, TW
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
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[72] MANZO, MICHAEL, US
[71] EYEGATE PHARMACEUTICALS, INC., US
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[54] **SYSTEMS AND METHODS FOR MANAGEMENT OF AUTOMATED DYNAMIC MESSAGING**
[54] **SYSTEMES ET PROCEDES DE GESTION DE MESSAGERIE DYNAMIQUE AUTOMATISEE**
[72] BRIGHAM, BENJAMIN P., US
[71] CONVERSICA, LLC, US
[85] 2017-07-11
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[54] **INHIBITEURS D'ITK HETEROCYCLIQUES POUR TRAITER L'INFLAMMATION ET LE CANCER**
[72] JACOBSEN, ERIC JON, US
[72] BLINN, JAMES ROBERT, US
[72] SPRINGER, JOHN ROBERT, US
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[71] CONFLUENCE LIFE SCIENCES, INC., US
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[54] **DETECTION D'UNE USURE OU D'UN DOMMAGE D'UN SEPARATEUR A CYCLONE A L'AIDE D'UNE MESURE DE DEBORDEMENT D'UN SEPARATEUR A CYCLONE INDIVIDUEL**
[72] CIRULIS, DYLAN, US
[72] MARON, ROBERT J., US
[72] O'KEEFE, CHRISTIAN V., US
[72] ROTHMAN, PAUL J., US
[72] NEWTON, DAVID V., US
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[54] **MEMBRANES AMELIOREES SELECTIVES D'ION MAGNESIUM**
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[72] BERGQUIST, ROBERT, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[54] **CIBLAGE OPTIQUE ET VISUALISATION DE TRAJECTOIRES**
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[71] IMIRGE MEDICAL INC., CA
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[54] **PROPORTIONAL VALVE BODY, PROPORTIONAL VALVE AND MANUFACTURING METHOD FOR PROPORTIONAL VALVE BODY**
[54] **CORPS DE SOUPAPE PROPORTIONNELLE, SOUPAPE PROPORTIONNELLE, ET PROCEDE DE FABRICATION DE CORPS DE SOUPAPE PROPORTIONNELLE**
[72] QIU, BU, CN
[72] BI, DAYAN, CN
[72] JIANG, WEI, CN
[71] A.O.SMITH (CHINA) WATER HEATER CO., LTD., CN
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[54] **A DEVICE AND A METHOD FOR EVALUATING A MECHANICAL PROPERTY OF A MATERIAL**
[54] **DISPOSITIF ET PROCEDE D'EVALUATION DE PROPRIETE MECANIQUE DE MATERIAU**
[72] MCLAUGHLIN, ROBERT AINSLEY, AU
[72] SAMPSON, DAVID DOUGLAS, AU
[72] KENNEDY, BRENDAN FRANCIS, AU
[72] KENNEDY, KELSEY MARIE, AU
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[54] **CRAMPON DE TRACTION ET RECEPTACLE**
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[72] BURT, JOHN ROBERT, US
[71] PRIDE MANUFACTURING COMPANY, LLC, US
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[54] **PRODUIT ET PROCEDE PROCURANT ENRICHISSEMENT ET FACILITANT L'EXPRESSION DE COMPORTEMENTS NATURELS CHEZ LES PORCS**
[72] CALLAGHAN, MATTHEW JOHN, AU
[72] VAN BARNEVELD, ROBERT JOHN, AU
[71] PORK CRC LTD, AU
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[54] **ELECTRONIC PRICE LABEL AND A BATTERY UNIT FOR AN ELECTRONIC PRICE LABEL**
[54] **ETIQUETTE DE PRIX ELECTRONIQUE, ET UNITE PILE POUR UNE ETIQUETTE DE PRIX ELECTRONIQUE**
[72] SUNDHOLM, GORAN, FI
[72] VIRNES, JENNI, FI
[71] MARIELLA LABELS OY, FI
[85] 2017-07-12
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[54] **IMAGEUR CONFOCAL ACOUSTIQUE DIFFUS**
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[54] **SYSTEMS AND METHODS FOR DETERMINING NEUROVASCULAR REACTIVITY TO BRAIN STIMULATION**
[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE REACTIVITE NEUROVASCULAIRE POUR LA STIMULATION DU CERVEAU**
[72] CHOWDHURY, SHUBHAJIT ROY, IN
[72] DUTTA, ANIRBAN, IN
[72] DAS, ABHIJIT, IN
[71] NEUROTRIX LLC, US
[85] 2017-07-11
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[25] EN
[54] **SYNERGISTIC BACILLUS THURINGIENSIS SUBSP. AIZAWAI AND BACILLUS THURINGIENSIS SUBSP. KURSTAKI PESTICIDAL MIXTURES**
[54] **MELANGES SYNERGIQUES PESTICIDES DE BACILLUS THURINGIENSIS SSP AIZAWAI ET DE BACILLUS THURINGIENSIS SSP KURSTAKI**
[72] BRANSCOME, DEANNA D., US
[72] STOREY, ROGER D., US
[72] ELDRIDGE JAMES RUSSELL, US
[72] BRAZIL, EMILY E., US
[71] VALENT BIOSCIENCES LLC, US
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[54] **BACILLUS THURINGIENSIS SUBSP. KURSTAKI AND BACILLUS THURINGIENSIS SUBSP. AIZAWAI COMBINATION FORMULATIONS**
[54] **FORMULATIONS COMBINATOIRES DE BACILLUS THURINGIENSIS SUBSP. KURSTAKI ET DE BACILLUS THURINGIENSIS SUBSP. AIZAWAI**
[72] DEVISETTY, BALA N., US
[72] DAHOD, SAMUN, US
[72] MARMOR, FREDERICK, US
[71] VALENT BIOSCIENCES LLC, US
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[25] EN
[54] **SYSTEMS, METHODS AND COMPOSITIONS FOR EFFECTIVE INSECT POPULATION SUPPRESSION**
[54] **SYSTEMES, PROCEDES ET COMPOSITIONS POUR LA SUPPRESSION EFFICACE D'UNE POPULATION D'INSECTES**
[72] NCHEKWUBE, EMEKA J., US
[72] UZOH, CYPRIAN EMEKA, US
[71] EMEKATECH, LLC, US
[85] 2017-07-11
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[51] **Int.Cl. B60L 15/40 (2006.01)**
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[54] **AUTOMATIC TRAIN DRIVING APPARATUS, AUTOMATIC TRAIN CONTROL METHOD, AND PROGRAM**
[54] **DISPOSITIF DE FONCTIONNEMENT AUTOMATIQUE DE TRAIN, PROCEDE DE COMMANDE TRAIN TRAIN AUTOMATIQUE, ET PROGRAMME**
[72] YANAI, NORITAKA, JP
[72] WAKASUGI, KAZUYUKI, JP
[72] MIYAJIMA, YUTAKA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **A PUMP FOR A SYSTEM FOR DISPENSING A LIQUID AS A SPRAY, A SPRAY NOZZLE UNIT, A SYSTEM FOR DISPENSING A LIQUID AS A SPRAY AND A METHOD FOR DISPENSING A LIQUID AS A SPRAY**
[54] **POMPE POUR UN SYSTEME DE DISTRIBUTION D'UN LIQUIDE SOUS LA FORME DE FINES GOUTTELETTES, UNITE DE BUSE DE PULVERISATION, SYSTEME DE DISTRIBUTION D'UN LIQUIDE SOUS LA FORME DE FINES GOUTTELETTES ET PROCEDE POUR DISTRIBUER UN LIQUIDE SOUS LA FORME DE FINES GOUTTELETTES**
[72] NILSSON, HUGO, SE
[72] BERGMAN, PETER, SE
[71] SCA HYGIENE PRODUCTS AB, SE
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[25] EN
[54] **PUNCHING METHOD, PUNCHING DEVICE, AND METHOD FOR MANUFACTURING LAMINATED IRON CORE**
[54] **PROCEDE DE POINCONNAGE, DISPOSITIF DE POINCONNAGE, ET PROCEDE DE FABRICATION DE NOYAU STRATIFIE**
[72] SENDA, KUNIHIRO, JP
[72] UESAKA, MASANORI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **POINTE DE TREPAN ET TREPAN**
[72] AKIMADI EKO, WARDOYO, JP
[72] MATSUO, TOSHIHIKO, JP
[72] SAKURAZAWA, CHIHIRO, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2017-07-12
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[25] EN
[54] **METHODS, APPLIANCES, AND SYSTEMS FOR PREPARING A BEVERAGE FROM A BASE LIQUID AND AN INGREDIENT**
[54] **PROCEDES, APPAREILS ET SYSTEMES DE PREPARATION D'UNE BOISSON A BASE D'UN LIQUIDE DE BASE ET D'UN INGREDIENT**
[72] PEIRSMAN, DANIEL, BE
[72] VANDEKERCKHOVE, STIJN, BE
[72] PELLAUD, JEROME, US
[72] DAVIS, NATHANIEL, US
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[54] **ENSEMBLE DE REGULATION D'ECOULEMENT DE PLATEAU DE COUPE**
[72] POOLE, JAMES R., US
[72] BRINEY, DAVID, US
[71] HUSQVARNA AB, SE
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[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING USAGE AND AUTHENTICATION OF A PAPER PRODUCT IN A DISPENSER**
[54] **PROCEDE ET SYSTEME DE DETERMINATION D'UTILISATION ET D'AUTHENTIFICATION D'UN PRODUIT DE PAPIER DANS UN DISTRIBUTEUR**
[72] BECKER, STEPHEN, US
[72] DUNBAR, CHARLENE, US
[72] KIRKLAND, JASON, US
[72] MOEDE, WARREN, US
[72] SCHULZ, TOM, US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W. JR., US
[72] ZIELINSKI, MATT, US
[72] TRAMONTINA, PAUL F., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **CROSSLINKED POLYMER COMPOSITIONS WITH TWO CROSSLINKERS FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **COMPOSITIONS DE POLYMERE RETICULE COMPORTANT DEUX AGENTS DE RETICULATION UTILISEES DANS DES OPERATIONS DANS UNE FORMATION SOUTERRAINE**
[72] ZHA, WEIBIN, US
[72] ZHOU, HUI, US
[72] GALINDO, KAY A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATING THE APPLICATION OF FRICTION-MODIFYING COATINGS**
[54] **SYSTEMES ET PROCEDES POUR L'AUTOMATISATION DE L'APPLICATION DE REVETEMENTS MODIFICATEURS DE LA FRICTION**
[72] STONE, JACK D. JR, US
[72] RAINWATER, JEFF, US
[71] DBI HOLDING, LLC, US
[85] 2017-07-12
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[30] US (14/189,955) 2014-02-25
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[25] EN
[54] **DOWNHOLE COMMUNICATIONS USING VARIABLE LENGTH DATA PACKETS**
[54] **COMMUNICATIONS DE FOND DE TROU AU MOYEN DE PAQUETS DE DONNEES DE LONGUEUR VARIABLE**
[72] ROBERSON, MARK W., US
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING FUNGAL INFECTIONS**
[54] **COMPOSITIONS ET PROCEDES D'INHIBITION D'INFECTIONS FONGIQUES**
[72] RAPPLEYE, CHAD, US
[72] ZUKIWSKI, ALEXANDER, US
[72] PRONIUK, STEFAN, US
[71] ARNO THERAPEUTICS, INC., US
[71] OHIO STATE INNOVATION FOUNDATION, US
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[25] EN
[54] **PLAN IMPLEMENTATION**
[54] **MISE EN OEUVRE D'UN PLAN**
[72] BROWN, DAVID R., US
[72] HERSHBERGER, TROY W., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2017-07-12
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[54] **ELECTRICAL ENERGY TRANSFER SYSTEM FOR A WIRE MESH HEATER**
[54] **SYSTEME DE TRANSFERT D'ENERGIE ELECTRIQUE POUR DISPOSITIF DE CHAUFFAGE A TREILLIS METALLIQUE**
[72] DE LUCA, NICHOLAS P., US
[72] PERKINS, ANDREW, US
[71] DE LUCA OVEN TECHNOLOGIES, LLC, US
[85] 2017-07-12
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[87] (WO2016/115215)
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[25] EN
[54] **METHODS OF TREATING MOTOR AND MOVEMENT DISORDERS AND SIDE EFFECTS THEREOF ASSOCIATED WITH PARKINSON'S DISEASE TREATMENTS**
[54] **PROCEDES DE TRAITEMENT DES TROUBLES MOTEURS ET DU MOUVEMENT ET EFFETS SECONDAIRES DE CEUX-CI ASSOCIES A DES TRAITEMENTS DE LA MALADIE DE PARKINSON**
[72] LOWE, DAVID A., CH
[72] KEYWOOD, CHARLOTTE, GB
[71] AMARANTUS BIOSCIENCE HOLDINGS, INC., US
[85] 2017-07-12
[86] 2016-01-13 (PCT/US2016/013206)
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[54] **ITEM CLASSIFICATION METHOD AND SELECTION SYSTEM FOR ELECTRONIC SOLICITATION**
[54] **PROCEDE DE CLASSIFICATION D'ELEMENTS ET SYSTEME DE SELECTION POUR SOLLICITATION ELECTRONIQUE**
[72] PLOURDE, SEBASTIEN, CA
[71] INTEMA SOLUTIONS INC., CA
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[54] **METROLOGY ASSISTED PART FORMING SYSTEM AND METHOD**
[54] **SYSTEME DE FACONNAGE DE PIECE ASSISTE PAR METROLOGIE ET METHODE**
[72] GROSS, BRENDA C., US
[72] DORSEY-PALMATEER, JOHN W., US
[71] THE BOEING COMPANY, US
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[41] 2017-06-11
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[54] **POLYGONAL CONTAINERS HAVING A LOCKING BOTTOM AND BLANKS AND METHODS FOR FORMING THE SAME**
[54] **CONTENEURS POLYGONAUX COMPORTANT UN FOND BLOQUANT ET DES FLANCS ET METHODE DE FACONNAGE ASSOCIEE**
[72] SMITH, KENNETH C., US
[71] WESTROCK SHARED SERVICES, LLC, US
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[54] **METHODS AND SYSTEMS FOR SELECTIVE HYDROGEN GAS EXTRACTION FOR DISSOLVED GAS ANALYSIS APPLICATIONS**
[54] **METHODE ET SYSTEME D'EXTRACTION SELECTIVE D'HYDROGENE GAZEUX DESTINES A DES APPLICATIONS D'ANALYSE DE GAZ**
[72] HUNTER, JAMES CHRISTOPHER, GB
[72] BLACK, GRAINNE, GB
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **EQUIPMENT CLEANING SYSTEM AND METHOD**
[54] **METHODE ET SYSTEME DE NETTOYAGE D'EQUIPEMENT**
[72] TIBBETTS, NICOLE, US
[72] BEWLAY, BERNARD PATRICK, US
[72] KEITH, SEAN ROBERT, US
[72] PRITCHARD, BYRON ANDREW, JR., US
[72] KALB, BRIAN, US
[72] DOLLEY, EVAN JARRETT, US
[72] JENKINS, ANDREW JAMES, US
[72] SEARING, ALISTAIR, US
[72] RUTKOWSKI, STEPHEN FRANCIS, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ACOUSTIC CLEANING OF GAS TURBINE ENGINE COMPONENTS**
[54] **NETTOYAGE ACOUSTIQUE DE COMPOSANTS DE TURBINE A GAZ**
[72] FLYNN, PETER ANDREW, US
[72] NAWROTH, BRENT, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **FLOW MANAGEMENT AND CO2-RECOVERY APPARATUS AND METHOD OF USE**
[54] **GESTION D'ECOULEMENT ET APPAREIL DE RECUPERATION DE CO2, ET METHODE D'UTILISATION**
[72] ACHARYA, HARISH RADHAKRISHNA, US
[72] SHISLER, ROGER ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **RECLOSABLE BAG AND METHOD TO MAKE SAME**
[54] **SAC REFERMABLE ET METHODE DE FABRICATION ASSOCIEE**
[72] ROSS, MICHAEL A., US
[71] POLY-AMERICA, L.P., US
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[54] **NOZZLE ARRANGEMENT FOR FLOWABLE SUBSTANCES**
[54] **ARRANGEMENT DE BUSE DESTINE A DES SUBSTANCES FLUIDES**
[72] GRAEF, STEFFEN, DE
[71] AGROTOP GMBH, DE
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[54] **3D PRINTING DEVICE FOR PRODUCING A SPATIALLY EXTENDED PRODUCT**
[54] **DISPOSITIF D'IMPRESSION 3D SERVANT A LA PRODUCTION D'UN PRODUIT S'ETENDANT AXIALEMENT**
[72] LISSOTSCHENKO, VITALIJ, DE
[71] LILAS GMBH, DE
[22] 2016-12-15
[41] 2017-06-17
[30] DE (10 2015 122 130.6) 2015-12-17
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[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/28 (2006.01) B01D 53/96 (2006.01)**
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[54] **DEHUMIDIFIER AND BREATHER CONFIGURED FOR OPERATION DURING REGENERATION**
[54] **DESHUMIDIFICATEUR ET APPAREIL RESPIRATOIRE CONFIGURES POUR FONCTIONNER PENDANT LA REGENERATION**
[72] MARTIN, ARTHUR, US
[72] PRUENTE, JOHN, US
[71] WAUKESHA ELECTRIC SYSTEMS, INC., US
[22] 2016-12-14
[41] 2017-06-16
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[25] EN
[54] **FIRE SPRINKLER SYSTEM HAVING COMBINED DETECTION AND DISTRIBUTION PIPING**
[54] **SYSTEME DE GICLEUR D'EXTINCTION D'INCENDIE COMPORTANT DE LA TUYAUTERIE COMBINEE DE DETECTION ET DISTRIBUTION**
[72] HENNEGAN, MICHAEL L., CA
[71] HENNEGAN, MICHAEL L., CA
[22] 2016-12-14
[41] 2017-06-17
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[51] **Int.Cl. B65D 71/40 (2006.01)**
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[54] **MODULAR PACKAGING AND SHIPPING ASSEMBLY**
[54] **ASSEMBLAGE D'EMBALLAGE ET D'EXPEDITION MODULAIRE**
[72] FEUDNER, ANDREW JAMES, US
[72] WHITE, RONALD DAVID, US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[22] 2016-12-16
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[51] **Int.Cl. A61F 4/00 (2006.01)**
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[54] **EXOSKELETON AND METHOD OF PROVIDING AN ASSISTIVE TORQUE TO AN ARM OF A WEARER**
[54] **EXOSQUELETTE ET METHODE DE FOURNITURE D'UN COUPLE ASSISTIF A UN BRAS D'UN PORTEUR**
[72] ANGOLD, RUSS, US
[72] LUBIN, JAMES, US
[72] SOLANO, MARIO, US
[72] PARETICH, CHRIS, US
[72] MASTALER, TOM, US
[71] EKSO BIONICS, INC., US
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[54] **STACKABLE CONTAINER ASSEMBLY**
[54] **ASSEMBLAGE DE CONTENANTS EMPILABLES**
[72] LABBE, CHRISTIAN, CA
[72] MERCIER, MATHIEU, CA
[72] FOURNIER, ERIC, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **A METHOD FOR MAKING HYBRID CERAMIC/METAL, CERAMIC/CERAMIC BODY BY USING 3D PRINTING PROCESS**
[54] **UNE METHODE DE FABRICATION DE CORPS HYBRIDE CERAMIQUE-METAL ET CERAMIQUE-CERAMIQUE PAR PROCEDE D'IMPRESSION 3D**
[72] YANG, XI, US
[72] PETERSON, BRIAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F17C 13/00 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **GAS PRESSURE TANK STRUCTURE**
[54] **STRUCTURE DE RESERVOIR DE GAZ SOUS PRESSION**
[72] YANG, ZHAOLI, CN
[72] ZUO, YUE, US
[72] ZHU, XUEJUN, CN
[72] ZHANG, SIJIN, CN
[72] YAN, CHENGQUN, CN
[72] DU, ZHONGXIAN, CN
[72] SUN, JIANFEI, CN
[72] CAO, FUYANG, CN
[72] YANG, DONGYE, CN
[71] AMSTED RAIL COMPANY, INC., US
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[51] **Int.Cl. B01D 46/02 (2006.01)**
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[54] **FILTER ASSEMBLY**
[54] **ASSEMBLAGE DE FILTRE**
[72] VO, CHAU THIEN, CA
[71] PAT TECHNOLOGY SYSTEMS INC., CA
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 47/66 (2017.01) A61P 31/04 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01)**
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[54] **SELECTIVELY TARGETED ANTIMICROBIAL PEPTIDES AND THE USE THEREOF**
[54] **PEPTIDES ANTIMICROBIENS CIBLES SELECTIVEMENT ET LEUR UTILISATION**
[72] ECKERT, RANDAL H., US
[72] YARBROUGH, DANIEL K., US
[72] SHI, WENYUAN, US
[72] ANDERSON, MAXWELL H., US
[72] QI, FENGXIA, US
[72] HE, JIAN, US
[72] MCHARDY, IAN H., US
[71] C3 JIAN, INC., US
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[54] **PANSEMENT RESISTANT AU DECHIREMENT, UTILISABLE DANS LE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
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[72] VITARIS, BETHANY A., US
[71] SMITH & NEPHEW, INC., US
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[54] **ANNEAUX D'ANNULOPLASTIE SPECIFIQUES POUR VALVULOPATHIE DEGENERATIVE**
[72] CARPENTIER, ALAIN F., US
[72] ADAMS, DAVID H., US
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[71] EDWARDS LIFESCIENCES CORPORATION, US
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[51] **Int.Cl. C10M 105/38 (2006.01) C12P 17/02 (2006.01) C12P 7/62 (2006.01)**
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[54] **SYNTHESIS OF DIESTER-BASED LUBRICANTS FROM ENZYMATICALLY-DIRECTED EPOXIDES**
[54] **SYNTHESE DE LUBRIFIANTS A BASE DE DIESTERS A PARTIR D'EPOXYDES OBTENUS PAR VOIE ENZYMATIQUE**
[72] MILLER, STEPHEN JOSEPH, US
[72] ELOMARI, SALEH A., US
[72] ZHOU, ZHEN, US
[72] BRASK, JESPER, US
[72] BORCH, KIM, DK
[71] CHEVRON U.S.A. INC., US
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[54] **PERMEABLE SURFACE COVERING UNITS AND PERMEABLE SURFACE COVERING**
[54] **UNITES DE COUVERTURE DE SURFACE PERMEABLES ET COUVERTURE DE SURFACE PERMEABLE**
[72] MACDONALD, ROBERT A., US
[72] RICCOBENE, THOMAS S., US
[71] KEYSTONE RETAINING WALL SYSTEMS LLC, US
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[25] EN
[54] **METHOD AND APPARATUS FOR DEPOSITION USING AN ATMOSPHERIC PRESSURE PLASMA**
[54] **PROCEDE ET APPAREIL DE DEPOT A L'AIDE D'UN PLASMA A PRESSION ATMOSPHERIQUE**
[72] MATOS, MARVI A., US
[72] PINGREE, LIAM S., US
[71] THE BOEING COMPANY, US
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[54] **PRODUIT D'ISOLATION A LA FIBRE DE COCO ET CONTENANT**
[72] OUELLET, JEAN MARC, CA
[72] SURIYAMPOLA, YOHAN, CA
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF BONE DEFECTS WITH PLACENTAL CELL POPULATIONS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE DEFICITS OSSEUX AU MOYEN_DE POPULATIONS DE CELLULES PLACENTAIRES**
[72] ABRAMSON, SASCHA DAWN, US
[72] GUELAKIS, MARIAN, US
[72] HEIDARAN, MOHAMMAD A., US
[72] LABAZZO, KRISTEN, US
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[25] EN
[54] **PLASMONIC ASSISTED SYSTEMS AND METHODS FOR INTERIOR ENERGY-ACTIVATION FROM AN EXTERIOR SOURCE**
[54] **SYSTEMES ET PROCEDES AIDES DE FACON PLASMONIQUE POUR UNE ACTIVATION D'ENERGIE INTERIEURE A PARTIR D'UNE SOURCE EXTERIEURE**
[72] BOURKE, FREDERIC A., JR., US
[72] VO-DINH, TUAN, US
[71] IMMUNOLIGHT, LLC, US
[71] DUKE UNIVERSITY, US
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[54] **ANFO LOURD ET FLUIDE ENERGETIQUE DE DENSITE DU POLYMERE EXPANSE**
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[54] **CONTRAST AGENTS FOR APPLICATIONS INCLUDING PERFUSION IMAGING**
[54] **AGENTS DE CONTRASTE DESTINES AUX APPLICATIONS COMPRENANT L'IMAGERIE DE PERFUSION**
[72] ROBINSON, SIMON P., US
[72] CASEBIER, DAVID S., US
[72] YU, MING, US
[72] KAGAN, MIKHAIL, US
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[71] LANTHEUS MEDICAL IMAGING, INC., US
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[51] **Int.Cl. B65D 88/12 (2006.01) G06Q 10/08 (2012.01) B65D 88/54 (2006.01) B65G 67/04 (2006.01) B65G 67/24 (2006.01) E21B 41/00 (2006.01) E21B 43/267 (2006.01) F17C 1/00 (2006.01)**
[25] EN
[54] **METHOD OF STORING AND MOVING PROPPANT FOR USE AT A WELL SITE**
[54] **METHODE DE STOCKAGE ET DE DEPLACEMENT D'AGENT DE SOUTENEMENT DESTINE A UN SITE DE PUITS**
[72] OREN, JOHN, US
[71] OREN TECHNOLOGIES, LLC, US
[22] 2013-03-18
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[54] **METHODS OF CEMENTING AND SPENT CRACKING CATALYST-CONTAINING CEMENT COMPOSITIONS**
[54] **PROCEDES DE CIMENTATION ET CATALYSEUR DE CRAQUAGE USE CONTENANT DES COMPOSITIONS DE CIMENT**
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[72] PATIL, RAHUL CHANDRAKANT, IN
[72] KOYITTI, REMITHA ANANDOTH, IN
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[54] **PERFORMANCE ACCRUE PAR UN CHAMP ELECTRIQUE DANS LA CATALYSE ET DISPOSITIFS A SEMI-CONDUCTEUR METTANT EN JEU DES GAZ**
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[54] **REGIME DE DOSAGE MULTI VARIABLE DESTINE AU TRAITEMENT DE TROUBLES ASSOCIES AU TNF ALPHA**
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[54] **PROCEDE DE RECUPERATION DE COMBUSTION SUR PLACE DESTINE AUX OPERATIONS DE RECUPERATION D'HYDROCARBURE MATURE**
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[54] **SYSTEME, METHODE ET APPAREIL POUR LA GESTION D'INSTALLATION DE TRAITEMENT DES EAUX USEES**
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[54] **METHODS USING 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDINE-2,6-DIONE FOR TREATMENT OF CERTAIN LEUKEMIAS**
[54] **METHODES DE TRAITEMENT DE CERTAINES FORMES DE LEUCEMIE AU MOYEN DE 3-(4-AMINO-1-OXO-1,3-DIHYDRO-ISOINDOL-2-YL)-PIPERIDIN-2,6-DIONE**
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[54] **PROMEDICAMENTS POSITIVEMENT CHARGES SOLUBLES DANS L'EAU DE RETINOIDES ET DE COMPOSES SEMBLABLES A DES RETINOIDES AYANT DES VITESSES DE PENETRATION DANS LA PEAU TRES ELEVEES**
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[54] **PRODUCTION D'ACIDE ADIPIQUE ET DE DERIVES DE CELUI-CI A PARTIR DE MATIERES CONTENANT DES GLUCIDES**
[72] BOUSSIE, THOMAS R., US
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[72] MURPHY, VINCENT J., US
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[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION D'INFORMATIONS RELATIVES A UN SYSTEME DE DIFFUSION DANS UN RESEAU DE COMMUNICATION MOBILE**
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[54] **DISPOSITIFS ET PROCEDES DE FIXATION DE DISPOSITIFS MEDICAUX A L'INTERIEUR D'UNE ANATOMIE**
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[54] **PRODUCTION D'ACIDE GLUTARIQUE ET DE DERIVES A PARTIR DE MATIERES CONTENANT DES GLUCIDES**
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[30] US (61/535,830) 2011-09-16
[30] US (13/615,228) 2012-09-13

[21] **2,972,545**
[13] A1
[51] **Int.Cl. H04W 12/12 (2009.01) H04M 1/66 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR VALIDATING CALL CONNECTIONS**
[54] **SYSTEME ET PROCEDE INFORMATISES POUR VALIDER DES CONNEXIONS D'APPEL**
[72] MILSTEIN, DAVID, US
[71] INTELLISIST, INC., US
[22] 2013-10-31
[41] 2014-04-30
[62] 2,831,527
[30] US (61/720,954) 2012-10-31
[30] US (14/067,853) 2013-10-30

[21] **2,972,759**
[13] A1
[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **INFORMATION STORAGE DEVICE, REMOVABLE DEVICE, DEVELOPER CONTAINER, AND IMAGE FORMING APPARATUS**
[54] **DISPOSITIF DE MEMORISATION D'INFORMATIONS, DISPOSITIF AMOVIBLE, CONTENANT POUR DEVELOPPATEUR, ET APPAREIL DE FORMATION D'IMAGES**
[72] TAKAHASHI, YASUFUMI, JP
[72] OHYAMA, KUNIHIRO, JP
[72] YAMANE, MASAYUKI, JP
[72] UCHITANI, TAKESHI, JP
[72] HAYAKAWA, TADASHI, JP
[72] TAKAHASHI, TAKUJI, JP
[72] OKABE, SHOUJI, JP
[72] SHINSHI, AKIRA, JP
[72] UEDA, YUICHIRO, JP
[72] TAKAHASHI, MASAKI, JP
[72] SATOH, YUUKI, JP
[71] RICOH COMPANY, LIMITED, JP
[22] 2011-06-13
[41] 2011-12-15
[62] 2,782,610
[30] JP (2010-134560) 2010-06-11
[30] JP (2011-062216) 2011-03-22
[30] JP (2011-062283) 2011-03-22
[30] JP (2011-084820) 2011-04-06
[30] JP (2011-087786) 2011-04-11

[21] **2,972,774**
[13] A1
[51] **Int.Cl. B81C 3/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **REDUCING OPTICAL INTERFERENCE IN A FLUIDIC DEVICE**
[54] **REDUCTION DE L'INTERFERENCE OPTIQUE DANS UN DISPOSITIF FLUIDIQUE**
[72] GIBBONS, IAN, US
[72] O'CONNELL, MICHAEL, US
[71] THERANOS, INC., US
[22] 2007-10-10
[41] 2008-05-29
[62] 2,666,338
[30] US (11/549,558) 2006-10-13
[30] US (11/685,615) 2007-03-13

[21] **2,972,812**
[13] A1
[51] **Int.Cl. G10L 19/04 (2013.01)**
[25] EN
[54] **DEVICE AND METHOD FOR QUANTIZING AND INVERSE QUANTIZING LPC FILTERS IN A SUPER-FRAME**
[54] **DISPOSITIF ET PROCEDE DE QUANTIFICATION ET DE QUANTIFICATION INVERSE DE FILTRES A CODAGE PREDICTIF LINEAIRE DANS UNE SUPERTRAME**
[72] GOURNAY, PHILIPPE, CA
[72] BESSETTE, BRUNO, CA
[72] SALAMI, REDWAN, CA
[71] VOICEAGE CORPORATION, CA
[22] 2009-07-10
[41] 2010-01-14
[62] 2,729,751
[30] US (61/129,669) 2008-07-10
[30] US (61/202,075) 2009-01-27

[21] **2,972,823**
[13] A1
[51] **Int.Cl. C10L 1/04 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **DIESEL FUEL BLENDS WITH IMPROVED PERFORMANCE CHARACTERISTICS**
[54] **MELANGES DE COMBUSTIBLES DIESEL PRESENTANT DES CARACTERISTIQUES AMELIOREES DE PERFORMANCE**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[71] GREYROCK ENERGY, INC., US
[22] 2014-06-30
[41] 2015-01-29
[62] 2,923,204
[30] US (61/958,236) 2013-07-22

[21] **2,972,838**
[13] A1
[51] **Int.Cl. A47G 19/03 (2006.01)**
[25] EN
[54] **RIGID-BUCKLING-RESISTANT-FLUTED PAPERBOARD CONTAINER WITH ARCUATE OUTER REGION**
[54] **CONTENANT RIGIDE EN CARTON CANNELE RESISTANT AUX DEFORMATIONS, AVEC PARTIE EXTERIEURE ARQUEE**
[72] LITTLEJOHN, MARK B., US
[72] BERG, ERIC J., US
[71] DIXIE CONSUMER PRODUCTS LLC, US
[22] 2010-03-26
[41] 2010-09-27
[62] 2,697,881
[30] US (61/211,273) 2009-03-27
[30] US (12/728,316) 2010-03-22

[21] **2,972,878**
[13] A1
[51] **Int.Cl. B64C 27/57 (2006.01) B64C 11/34 (2006.01)**
[25] EN
[54] **VARIABLE LOWER LIMIT COLLECTIVE GOVERNOR TO IMPROVE RECOVERY**
[54] **COLLECTIF A LIMITE INFERIEURE VARIABLE AMELIORANT LA RECUPERATION**
[72] SCHAEFFER, JOSEPH M., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2014-03-11
[41] 2014-11-08
[62] 2,846,150
[30] US (13/889,454) 2013-05-08

[21] **2,972,906**
[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **INSERTS HAVING GEOMETRICALLY SEPARATE MATERIALS FOR SLIPS ON DOWNHOLE TOOL**
[54] **PIECES RAPPORTEES POURVUES DE MATERIAUX SEPARES GEOMETRIQUEMENT POUR ENSEMBLES DE GLISSEMENT D'OUTIL DE FOND DE TROU**
[72] MHASKAR, NAUMAN H., US
[72] ROCHEN, JAMES A., US
[72] YOUNG, JONATHAN A., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2015-06-17
[41] 2015-12-18
[62] 2,894,749
[30] US (62/013835) 2014-06-18

[21] **2,973,045**
[13] A1
[51] **Int.Cl. D21D 1/00 (2006.01)**
[25] EN
[54] **DISCHARGE END WALL INSERTS**
[54] **ELEMENTS RAPPORTES DE PAROI D'EXTREMITE DE DECHARGE**
[72] MEPHAM, ROBERT, CA
[72] PRAMOD, KUMAR, CA
[72] MCPHEE, ROBERT MICHAEL, CA
[71] POLYCORP LTD, CA
[22] 2015-09-23
[41] 2016-03-31
[62] 2,937,053
[30] US (62/054,132) 2014-09-23

[21] **2,973,066**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/08 (2012.01)**
[25] EN
[54] **PAYMENT APPLICATION FRAMEWORK**
[54] **STRUCTURE D'APPLICATION DE PAIEMENT**
[72] HOUGLAND, DAMON CHARLES, US
[72] AT-TARAS, MUSAAB, US
[72] KOROSEC, JASON ALEXANDER, US
[71] PAYPAL, INC., US
[22] 2009-09-09
[41] 2010-03-18
[62] 2,736,489
[30] US (12/207,383) 2008-09-09

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[21] **2,973,085**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01) H04W 4/00 (2009.01) G06Q 30/02 (2012.01) G07C 5/00 (2006.01) G01C 22/00 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **RECORDING AND REPORTING OF DRIVING CHARACTERISTICS USING WIRELESS MOBILE DEVICE**
[54] **ENREGISTREMENT ET RAPPORT DE CARACTERISTIQUES DE CONDUITE UTILISANT UN DISPOSITIF MOBILE SANS FIL**
[72] BASIR, OTMAN A., CA
[71] INTELLIGENT MECHATRONIC SYSTEMS INC., CA
[22] 2008-05-23
[41] 2008-11-27
[62] 2,685,973
[30] US (60/939,844) 2007-05-23
[30] US (61/041,944) 2008-04-03

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[21] **2,973,094**
[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/11 (2014.01) H04N 19/159 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ENCODING INTRA PREDICATION MODE FOR IMAGE PREDICTION UNIT, AND METHOD AND DEVICE FOR DECODING INTRA PREDICTION MODE FOR IMAGE PREDICATION UNIT**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CODER UN MODE D'INTRA-PREDICTION POUR UNE UNITE DE PREDICTION D'IMAGE ET PROCEDE ET DISPOSITIF PERMETTANT DE DECODER UN MODE D'INTRA-PREDICTION POUR UNE UNITE DE PREDICTION D'IMAGE**
[72] SEREGIN, VADIM, KR
[72] CHEN, JIANLE, KR
[72] LEE, SUN-IL, KR
[72] LEE, TAMMY, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2011-12-23
[41] 2012-06-28
[62] 2,822,800
[30] US (61/426,684) 2010-12-23

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[21] **2,973,161**
[13] A1
[51] **Int.Cl. A47J 47/01 (2006.01) A47F 1/035 (2006.01) A47G 19/34 (2006.01) A47G 29/00 (2006.01) A47J 42/50 (2006.01)**
[25] EN
[54] **AUTOMATED DISPENSER AND METHOD FOR DISPENSING**
[54] **DISTRIBUTEUR AUTOMATIQUE ET PROCEDE DE DISTRIBUTION**
[72] MURRAY, JAMES BRUCE, CA
[72] SALAZAR, CARLOS EDUARDO, CA
[72] GIUNTA, FRANCIS JAMES, US
[72] HANNA, KENNETH SCOTT, US
[71] TASTETRO INC., CA
[22] 2013-08-29
[41] 2015-02-28
[62] 2,825,721

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[21] **2,973,288**
[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] SATO, KAZUSHI, JP
[71] SONY CORPORATION, JP
[22] 2010-04-22
[41] 2010-10-28
[62] 2,755,889
[30] JP (2009-105937) 2009-04-24

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[21] **2,973,344**
[13] A1
[51] **Int.Cl. H04N 19/51 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE PREDICTIF D'IMAGES, ET DISPOSITIF, PROCEDE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGES**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2011-09-29
[41] 2012-04-12
[62] 2,813,377
[30] JP (2010-226472) 2010-10-06

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[21] **2,973,404**
[13] A1
[51] **Int.Cl. F16L 58/10 (2006.01) F16L 25/00 (2006.01) F16L 55/163 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **CURED IN PLACE LINER SYSTEM AND INSTALLATION METHODS**
[54] **SYSTEME DE REVETEMENT INTERIEUR DURCI SUR PLACE ET METHODE D'INSTALLATION**
[72] HAIRSTON, MARK, US
[72] PASCHALL, BARRY, US
[72] OXNER, KEITH B., US
[72] COSTA, KYLE, US
[71] INA ACQUISITION CORP., US
[22] 2011-07-18
[41] 2012-01-16
[62] 2,923,353
[30] US (61/365177) 2010-07-16

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DIEHLMANN, TIM 2,971,793
DIGITAL ALLOYS INCORPORATED 2,970,313
DIVERSITY TECHNOLOGIES CORPORATION 2,973,222
DJONOVIC, SLAVICA 2,972,904
DJURICIC, BORO 2,971,804
DOERRING, NICHOLAS DANIEL 2,966,586
DOLL, MATEO PENA 2,970,313
DONNER, BENJAMIN 2,972,325
DOTSON, ADAM R. 2,973,069
DOTSON, ADAM R. 2,973,465
DOUDOUKJIAN, GEORGE 2,972,023
DOUGHTY, DAVID T. 2,973,399
DOW GLOBAL TECHNOLOGIES LLC 2,969,901
DOWNER, DAVID A. 2,973,148
DOYLE, TOM 2,972,131
DOYLE, TOM 2,972,133
DR. PY INSTITUTE LLC 2,973,083
DRAKE, JAMES M. 2,973,242
DRELON, NICOLAS 2,966,544
DRENG, TORE 2,971,787
DRESHER, RUSSELL 2,971,290
DRISTY, MARK E. 2,970,240
DU TOIT, LEENDERT JOHANNES 2,973,115
DUBIEF, FLAVIEN 2,971,298
DUBIEF, FLAVIEN 2,971,309
DUBIEF, FLAVIEN 2,971,313
DUCOMMUN, BERNARD 2,965,454
DUGGAL, MANDEEP SINGH 2,962,339
DUGGAL, NEIL 2,973,606
DUKES, SIMON 2,973,144
DULANEY, JEFF 2,973,382
DUMITRACHE, BOGDAN-TEODOR 2,966,613
DUNBAR, CHARLENE 2,973,690
DUNNE, PAUL 2,972,133
DUTTA, ANIRBAN 2,973,657
DUVIGNEAU, NIKOLAI 2,973,459
DYER, KELLY NOEL 2,973,479
DYNAMIC STRUCTURES, LTD. 2,973,238
E. I. DU PONT DE NEMOURS AND COMPANY 2,960,594
E. I. DU PONT DE NEMOURS AND COMPANY 2,966,731
EA PHARMA CO., LTD. 2,973,542
EARDLEY, DAVID 2,967,547
ECKELMAN, BRENDAN P. 2,965,151
ECM TECHNOLOGIES 2,970,247
ECOCHARD, CLAUDE 2,966,544
ECOLAB USA INC. 2,973,095
ECOLAB USA INC. 2,973,098
ECOLAB USA INC. 2,973,121
ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS (ESPCI) 2,971,690
EDGEWELL PERSONAL CARE BRANDS, LLC 2,966,889
EDMONDSON, SCOTT D. 2,973,202
EDWARDS LIFESCIENCES CORPORATION 2,958,078
EDWARDS LIFESCIENCES CORPORATION 2,971,839
EGAN, OLIVER 2,971,795
ELDRIDGE JAMES RUSSELL 2,973,661
ELEVEN BIOTHERAPEUTICS, INC. 2,965,689
ELI LILLY AND COMPANY 2,972,098
ELSASSER, SIMON J. 2,965,085
EMD MILLIPORE CORPORATION 2,966,515
EMEKATECH, LLC 2,973,664
EMERSTORFER, FLORIAN 2,971,792
EMSS ANTENNAS (PTY) LTD 2,973,115
ENDOCYTE, INC. 2,973,380
ENEVO OY 2,966,963
ERBER AKTIENGESELLSCHAFT 2,966,815
ERIKSSON, ANDERS 2,971,126
ERIKSSON, ANDERS OLOF 2,971,754
ERIKSSON, LEONARD 2,970,487
ETCHEPARE, PHILIPPE 2,969,810
ETUBICS CORPORATION 2,973,109
EUGENE, JOSEPH 2,973,097
EVANS, DAVID JOHN 2,965,891
EVERARD, JOHN D. 2,960,594
EVOQUA WATER TECHNOLOGIES LLC 2,973,144
EXPRO NORTH SEA LIMITED 2,971,537
EYDOUX, JULIEN 2,973,175
EYDOUX, JULIEN 2,973,530
EYEGATE PHARMACEUTICALS, INC. 2,973,595
FACEBOOK, INC. 2,971,737
FAHRENKRUG, SCOTT C. 2,967,027
FALAVIGNA, AGOSTINO 2,973,320
FAN, CHUANLIN 2,973,491
FAN, CHUANLIN 2,973,499
FAN, CHUANLIN 2,973,506
FAN, CHUANLIN 2,973,511
FAN, CHUANLIN 2,973,518
FAN, XIAOCHUN 2,966,731
FANTOZZI, MATTEO 2,971,671
FARHANGI, MEHRAN 2,973,378
FARHANGI, MEHRAN 2,973,385
FARLEY, MARK 2,960,865
FARLEY, MARK 2,961,435
FEARNOW, STEVE 2,973,215
FEDORA, JOSEPH 2,966,889
FEHR, JASON 2,973,347
FEHR, JASON 2,973,349
FENG, XIANG 2,973,488
FERENCZ, ANDREAS 2,971,532
FERGUSON, MICHAEL 2,972,999
FERNANDEZ, JAVIER GARCIA 2,973,036
FERRARI, IACOPO CLAUDIO 2,971,790
FERRARI, IACOPO CLAUDIO 2,971,799
FERROSAN MEDICAL DEVICES A/S 2,960,309
FINISON, JEREMY B. 2,973,121
FIORAVANTI, EMILIO 2,971,506
FIRTH, ROBERT 2,958,779
FIRTH, ROBERT 2,958,790
FIRTH, ROBERT 2,958,798
FISHER, DAVID M. 2,973,242
FLAA, MICKAEL 2,973,096
FLAA, MICKAEL 2,973,100
FLAVELL, RICHARD BAILEY 2,972,904
FLEISCHER, COREY A. 2,966,284
FLSMIDTH A/S 2,973,403
FOINI, MATTEO 2,971,790
FOINI, MATTEO 2,971,799
FOLEY, MICHAEL 2,973,317
FOMO PRODUCTS, INC. 2,973,580
FONA TECHNOLOGIES, INC. 2,973,586
FONTAINE, BRUNO 2,973,145
FOODY, PATRICK J. 2,973,037
FORBES, BRANDON W. 2,967,812
FORD, LOUISE 2,973,383
FORREST, CHRISTOPHER R. 2,973,242
FORZANI, PAOLO 2,971,790
FORZANI, PAOLO 2,971,799
FOSS, RYAN 2,971,290
FRANCISKOVICH, PHILLIP P. 2,963,508
FRATARCANGELI, SILVIA 2,972,340

FREIBERGER, NORBERT 2,971,804
FREITAS, MARK 2,973,068
FRIESTH, KEVIN 2,973,565
FRISCH, RYAN L. 2,966,731
FRONTIER BIO-DRUG DEVELOPMENT LIMITED 2,973,119
FRYER, CHRISTOPHER JOHN 2,971,790
FRYER, CHRISTOPHER JOHN 2,971,799
FU, JIE 2,972,075
FUCHIBE, KAZUHIRO 2,973,330
FURFINE, ERIC STEVEN 2,965,689
FUX, LIAT 2,970,216
GABITZSCH, ELIZABETH 2,973,109
GABRIELSON, KURT 2,964,960
GAIGLER, RANDY L. 2,966,284
GALEXUM TECHNOLOGIES AG 2,971,146
GALINDO, KAY A. 2,973,501
GALINDO, KAY A. 2,973,692
GALLER, THOMAS 2,971,497
GALLOT, MATTHIEU 2,969,810
GALLOWAY, KEVIN C. 2,973,480
GANE, PATRICK A.C. 2,971,958
GANT INNOVATIONS LIMITED 2,970,963
GAO, KUI 2,962,956
GAO, PENG 2,973,512
GAO, YING-DUO 2,973,202
GARDNER DENVER NASH LLC 2,973,263
GARDNER, VANCE 2,973,096
GARDNER, VANCE 2,973,100
GARLICK, STEVEN GEORGE 2,971,665
GARLICK, STEVEN GEORGE 2,971,669
GARLICK, STEVEN GEORGE 2,971,679
GARNER, SCOTT 2,973,498
GARTEN, ARIEL STEPHANIE 2,973,012
GATTI, RICCARDO 2,972,566
GAZIANO, PHILIP F. 2,973,093
GEGE, CHRISTIAN 2,971,240
GEGE, CHRISTIAN 2,971,241
GELETNEKY, KARSTEN 2,971,808
GELLEY, SIVAN 2,970,216
GEMALTO M2M GMBH 2,966,803
GEN-PROBE INCORPORATED 2,962,956
GENENTECH, INC. 2,960,297
GENENTECH, INC. 2,966,558
GENENTECH, INC. 2,966,573
GENERAL ELECTRIC COMPANY 2,965,348
GENERAL ELECTRIC COMPANY 2,966,183
GENERAL ELECTRIC COMPANY 2,966,869
GENERAL ELECTRIC TECHNOLOGY GMBH 2,973,141
GENERAL MILLS, INC. 2,973,194
GENICS INC. 2,957,317
GENIUS VELO LIMITED 2,970,202
GENZYME CORPORATION 2,965,478
GERARD, DANIEL E. 2,971,958
GERDES, RUDIGER 2,970,190
GERINET, S.L.U. 2,962,170
GERWERT, KLAUS 2,973,508
GEVA, AVNER 2,967,239
GHIDI, MARCO 2,965,894
GHIDI, PIER PAOLO 2,965,894
GHIDI, PIETRO 2,965,894
GIALLANZA, ANTONIO 2,971,809
GIFFORD, PAUL 2,973,215
GILBERT, MARK J. 2,964,941
GILBERTSON, SARAH 2,973,121
GILEAD SCIENCES, INC. 2,971,240
GILEAD SCIENCES, INC. 2,971,241
GILEAD SCIENCES, INC. 2,971,640
GILEAD SCIENCES, INC. 2,972,012
GILEAD SCIENCES, INC. 2,972,014
GILEAD SCIENCES, INC. 2,972,017
GILEAD SCIENCES, INC. 2,972,021
GILEAD SCIENCES, INC. 2,972,192
GILLINGS, RICHARD IAN 2,973,063
GIMBERT, ISABELLE 2,962,374
GINGRAS, ERIC 2,973,121
GIOVACCHINI, FRANCESCO 2,971,671
GIOVANELLI, ALESSIO 2,971,506
GIRARDOT, PIERRE-ETIENNE 2,971,521
GIRAUD, YVES 2,970,247
GIUFFRE, MARCELLO 2,973,530
GIULIANOTTI, JAMES 2,966,558
GIULIANOTTI, JAMES 2,966,573
GIZA, MIROSLAW 2,973,135
GLASWEGIAN ENTERPRISES INC. 2,973,145
GLAXOSMITHKLINE BIOLOGICALS SA 2,964,859
GLENMARK PHARMACEUTICALS S.A. 2,965,745
GLOBAL GENOMICS GROUP, LLC 2,973,116
GLOECKNER, CHRISTIAN 2,965,995
GLOVER, KEITH 2,973,382
GOERANSON, MAREIKE 2,973,040
GOLDSMITH, ANDREW 2,971,795
GOLDSTEIN, LEE 2,971,330
GONZALEZ, JAVIER G. 2,964,798
GONZALEZ-CANDELA, ERNESTO 2,971,325
GOODWIN, SCOTT 2,973,211
GOODWIN, SCOTT 2,973,439
GOPINATH, AJAY 2,970,658
GORNIK, AMIHAY 2,973,319
GORSUCH, JOHN 2,963,979
GRACE, CHRIS 2,970,468
GRANSTROM, MARI 2,973,438
GREEN, ANDREW 2,973,144
GREEN, ANDREW DAVID 2,972,143
GREENFIELD, SUSAN ADELE 2,969,990
GREENGAGE LIGHTING LTD 2,973,280
GREEP, DARCY W. 2,973,568
GRIFFIS, JOSHUA W. 2,973,144
GRIFFITHS, KATHERINE 2,973,317
GRIGGS, NOLAN 2,972,192
GRIMM, JAN 2,973,040
GROENENDIJK, JOHANNES SIMON 2,973,320
GROSS, GABRIELE 2,962,133
GROVES, BRIAN NATHANIEL GREENWAY 2,967,812
GRUBER, MATHIEU SIMON PAUL 2,970,092
GUANGDONG MIDEA REFRIGERATION APPLIANCES CO., LTD. 2,968,725
GUENTHER, PAUL 2,973,136
GUERRERO, FABIAN ENRIQUE SANCHEZ 2,973,363
GUERRERO, FABIAN ENRIQUE SANCHEZ 2,973,398
GUETTA, OLIVIER 2,972,561
GUI, DAFA 2,968,725
GUIA, ANTONIO 2,973,388
GULICK, TRUDI A. 2,972,904
GULKA, NOEL 2,973,544
GUNDANNA, MUKUND I. 2,967,945
GUNDERSON, KEVIN L. 2,965,995
GUNDLACH, MICHAEL 2,973,586
GUO, AIMIN 2,973,253
GUO, FENG 2,971,594
GUO, YONGJUN 2,973,253
GUSHULAK, RICHIE 2,973,222
GUTMANN, PETER 2,971,772
GUTMANN, PETER 2,971,793
HAAS, DANIEL ALBERT 2,968,591
HAGEDORN, MARC 2,973,132
HAGGLUND, KARIN 2,973,182
HAINES, CHRISTOPHER 2,971,394
HAKANSSON, NICLAS 2,973,333
HALLIBURTON ENERGY SERVICES, INC. 2,966,866
HALLIBURTON ENERGY SERVICES, INC. 2,971,105
HALLIBURTON ENERGY SERVICES, INC. 2,973,058
HALLIBURTON ENERGY SERVICES, INC. 2,973,061
HALLIBURTON ENERGY SERVICES, INC. 2,973,063
HALLIBURTON ENERGY SERVICES, INC. 2,973,065
HALLIBURTON ENERGY SERVICES, INC. 2,973,067
HALLIBURTON ENERGY SERVICES, INC. 2,973,069
HALLIBURTON ENERGY SERVICES, INC. 2,973,089
HALLIBURTON ENERGY SERVICES, INC. 2,973,203
HALLIBURTON ENERGY SERVICES, INC. 2,973,211
HALLIBURTON ENERGY SERVICES, INC. 2,973,439
HALLIBURTON ENERGY SERVICES, INC. 2,973,465
HALLIBURTON ENERGY SERVICES, INC. 2,973,467
HALLIBURTON ENERGY SERVICES, INC. 2,973,495
HALLIBURTON ENERGY SERVICES, INC. 2,973,500
HALLIBURTON ENERGY SERVICES, INC. 2,973,501

HALLIBURTON ENERGY SERVICES, INC. 2,973,560
HALLIBURTON ENERGY SERVICES, INC. 2,973,692
HALLIBURTON ENERGY SERVICES, INC. 2,973,695
HAN, LEI 2,973,377
HANES, JUSTIN 2,972,075
HANSCHMANN, FLORIAN 2,973,498
HANSEN, BO LARS 2,972,685
HANSEN, ERLING LENNART 2,971,515
HANSEN, ERLING LENNART 2,972,659
HARHOURI, KARIM 2,972,740
HARRIS, MICHAEL WAYNE 2,973,387
HARTENSTEIN, MARKUS 2,971,772
HARTENSTEIN, MARKUS 2,971,793
HARTIKAINEN, JOUNI 2,972,940
HASBINI, HISHAM 2,973,192
HASS, PHILIP E. 2,960,297
HATANAKA, TAKAHIRO 2,972,866
HATCH, DANIEL J. 2,973,105
HAURY, JOHN A. 2,973,257
HAYASHI, RYUHEI 2,973,187
HAYES, GRAHAM M. 2,973,369
HAYWARD INDUSTRIES, INC. 2,973,364
HAYWARD INDUSTRIES, INC. 2,973,369
HAZEN, MEREDITH 2,960,297
HE, MOLLY 2,965,995
HELAMAA, MARTTI 2,973,166
HELGESON, DAVID D. 2,973,358
HEMBRE, ERIK JAMES 2,972,098
HENDRIKS, MATHIAS MARIE GERARDUS 2,973,482
HENKEL AG & CO. KGAA 2,971,527
HENKEL AG & CO. KGAA 2,971,532
HENRY, ROBERT J. 2,973,206
HEO, HYE JIN 2,973,193
HERBER, ANDREAS 2,970,190
HERRING, RODNEY 2,973,655
HERSHBERGER, TROY W. 2,973,699
HERTZBERG, BRIAN T. 2,973,358
HEUMANN, LARS V. 2,972,192
HIBRI, NADI S. 2,966,748
HICKS, PETER D. 2,973,095
HICKS, PETER D. 2,973,098
HIGUCHI, SATONORI 2,973,330
HILL, CATHRINE 2,970,755
HILLIARD, PETER R., JR. 2,971,708
HILTI AKTIENGESELLSCHAFT 2,972,164
HINDSON, BENJAMIN 2,964,472
HINKLE, GREGORY 2,967,408
HIROBE, MASAYA 2,973,330
HITACHI CHEMICAL COMPANY, LTD. 2,973,462
HJELMGAARD, THOMAS 2,971,515
HJELMGAARD, THOMAS 2,972,659
HNIK, PETER 2,973,270
HO, Y. K. 2,973,206
HOCKERMAN, SUSAN L. 2,973,597
HOERSTRUP, SIMON 2,973,040
HOFFMANN, PETER 2,972,550
HOFMANN, IRMGARD 2,964,859
HOHLBEIN, DOUGLAS 2,973,153
HOLDER, PATRICK 2,973,343
HOLTGREWE, CHRISTIAN 2,971,527
HOLTGREWE, CHRISTIAN 2,971,532
HONG, SAM 2,973,334
HONG, SEUNG-PYO 2,966,731
HONG, SUNGRYONG 2,972,953
HONG, SUNGRYONG 2,973,073
HOPKINSON, AARON J. 2,956,128
HORIMOTO, TAKAYUKI 2,973,179
HOROWITZ, TAL 2,973,031
HOU, SAMUEL 2,965,745
HRUZA, ALAN 2,973,202
HSIAO, YI-CHUN 2,960,297
HU, JUN 2,973,253
HU, YUNFENG ERIC 2,972,017
HU, YUNFENG ERIC 2,972,021
HUANG, JIE 2,971,810
HUANG, WEI 2,973,488
HUAWEI TECHNOLOGIES CO., LTD. 2,972,929
HUAWEI TECHNOLOGIES CO., LTD. 2,973,031
HUAWEI TECHNOLOGIES CO., LTD. 2,973,488
HUBBELL INCORPORATED 2,973,377
HUDDLESTON, RICHARD 2,973,237
HUNT, ALAN KENNETH FRAZER GRUGEON 2,971,790
HUNT, ALLAN KENNETH FRAZER GRUGEON 2,971,799
HUNTSMAN PETROCHEMICAL LLC 2,973,379
HUSQVARNA AB 2,973,687
HWANG, SUNG-HEE 2,966,482
HYBERNIA MEDICAL LLC 2,973,205
HYPERSTEM, SA 2,970,140
ICO THERAPEUTICS INC. 2,973,270
IENARI, TOORU 2,973,461
IKEGAYA, RYOJI 2,973,181
ILLINOIS TOOL WORKS INC. 2,970,755
ILLUMINA, INC. 2,965,995
ILLUMINA, INC. 2,967,351
IMAI, SHUNTARO 2,973,075
IMIRGE MEDICAL INC. 2,973,606
IMMUNOLIGHT, LLC 2,973,200
IMMUNOMET THERAPEUTICS INC. 2,973,193
IMPRIMIS PHARMACEUTICALS, INC. 2,973,087
INDEE, INC. 2,973,117
INDIGO AG, INC. 2,972,904
INDIGO AGRICULTURE, INC. 2,972,904
INGENICO GROUP 2,971,635
INGENICO GROUP 2,971,647
INGENICO GROUP 2,971,670
INHIBRX LP 2,965,151
INNES, MATTHEW CHRISTOPHER 2,973,378
INNES, MATTHEW CHRISTOPHER 2,973,398
INNES, MATTHEW CHRISTOPHER 2,973,400
INNES, MATTHEW CHRISTOPHER 2,973,402
INNOVATIVE LEAK SOLUTIONS, INC. 2,970,487
INNOVATIVE LOGISTICS, INC. 2,971,191
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,972,740
INSTITUT MINES-TELECOM 2,971,353
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,962,374
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY OF THE AS CR, V.V.I. 2,972,014
INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY OF THE AS CR, V.V.I. 2,972,021
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,973,491
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,973,499
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,973,506
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,973,511
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,973,518
INSTITUTT FOR ENERGITEKNIKK 2,973,558
INTEMA SOLUTIONS INC. 2,973,706
INTERACTIVE INTELLIGENCE GROUP, INC. 2,973,566
INTERAXON INC. 2,973,012
INTERNATIONAL HEALTH GROUP PTY LTD 2,973,497
IOGEN CORPORATION 2,973,037
IOTTI, MARCO 2,971,309
IOVINE, RAPHAELE 2,971,690
IPCO 2012 LIMITED 2,971,665
IPCO 2012 LIMITED 2,971,669
IPCO 2012 LIMITED 2,971,679
IROBOT CORPORATION 2,970,468
ISHIKAWA, YUKI 2,973,187
ISOLATION TECHNOLOGIES LLC 2,971,397
ITO, KAZUHIRO 2,963,625
IVRI, YEHUDA 2,973,471
JACKSON, ETHEL NOLAND 2,966,731
JACOBS, JOHN 2,973,096
JACOBS, JOHN 2,973,100
JACOBSEN, ERIC JON 2,973,597
JADHAV, VASANT 2,967,408
JALAYER, MEHDI 2,973,238

JAMISON, DALE E. 2,973,065
JAMISON, DALE E. 2,973,067
JAMISON, DALE E. 2,973,069
JAMISON, DALE E. 2,973,465
JAMOLLI, KEVIN 2,971,298
JAMOLLI, KEVIN 2,971,313
JANISH, BRIAN 2,971,839
JANSA, PETR 2,972,014
JANSA, PETR 2,972,017
JANSA, PETR 2,972,021
JANSEN, HELGE 2,971,765
JANSEN, HELGE 2,971,767
JANSSEN BIOTECH, INC. 2,960,649
JANSSEN, WILHELM 2,971,681
JARDINE, PETER 2,973,371
JAROSZ, MIRNA 2,964,472
JARUWATTANACHAI, PREEDA 2,971,646
JARVIS, ADAM PETER 2,972,143
JAVID, FARHAD 2,973,363
JAVID, FARHAD 2,973,378
JAVID, FARHAD 2,973,385
JAVID, FARHAD 2,973,398
JAVID, FARHAD 2,973,400
JAVID, FARHAD 2,973,402
JENA, BIPULENDU 2,964,783
JENDRISAK, JEROME 2,965,995
JENKINS, DYLAN 2,973,141
JENSEN, FLEMMING REISSIG 2,960,309
JEOL, STEPHANE 2,971,916
JEONG, JAE KAP 2,973,193
JEPP, CHRISTOPHER 2,970,198
JEPSEN, JEFFREY G. 2,973,358
JETTE, FRANCOIS-XAVIER 2,973,363
JFE STEEL CORPORATION 2,973,670
JHA, ANIMESH 2,962,339
JIA, ZHANFENG 2,966,636
JIAN, KUNZHONG 2,973,036
JIANG, GUANGQIANG 2,959,855
JIANG, GUANGQIANG 2,973,190
JIANG, GUANGQIANG 2,973,191
JIANG, TAO 2,973,512
JIANG, WEI 2,973,608
JOHANSSON, LENNART 2,973,426
JOHANSSON, PATRIK 2,972,256
JOHN, EDWARD 2,973,305
JOHNSON & JOHNSON GMBH 2,967,588
JOHNSON & JOHNSON VISION CARE, INC. 2,964,319
JOHNSON, ALYSSA D. 2,973,358
JOHNSON, BENJAMIN M. 2,973,358
JOHNSON, GREGORY W. 2,960,649
JOHNSTON, DAVID MORRIS 2,972,904
JOI SCIENTIFIC, INC. 2,970,207
JOI SCIENTIFIC, INC. 2,970,360
JONES, FRANK R. 2,973,109
JOSEPH, KEITH 2,961,159
JOUNI, ZEINA 2,962,136
JUNG, JI HOON 2,972,234
JUNO THERAPEUTICS, INC. 2,964,941
JURICK, JOSEPH W. 2,961,929
KABBUR, RAJEEV 2,973,323
KAGAN, JONATHAN C. 2,973,585
KAIPIO, JARI 2,972,940
KAISER, ERIK A. 2,973,341
KAJIOKA, TOSHIFUMI 2,973,542
KALMBACH, DIRK 2,970,190
KANDULA, MAHESH 2,969,330
KANEEDA, MASATO 2,973,462
KANG, SANG-DEOK 2,970,151
KAPUR, MRIDULA 2,969,901
KAPUR, SHIVEN 2,972,910
KAPUSTA, CHRISTOPHER 2,965,348
KAPUSTA, CHRISTOPHER JAMES 2,966,183
KARAMAN, IBRAHIM 2,967,945
KARLSSON, LINUS 2,972,140
KARREMANS, ADRIANUS RUTGERUS ANTONIUS 2,973,198
KASS, MICHAEL 2,973,186
KATAR, SRINIVAS 2,966,636
KATZ, JORDAN 2,973,334
KAUFMAN, JONATHAN HARRY 2,960,780
KAVAKKA, JARI 2,973,438
KAYS, JOSHUA 2,972,075
KAYSER, STEFAN 2,972,124
KEDALION THERAPEUTICS, INC. 2,973,471
KEKALAINEN, FREDRIK 2,966,963
KEMPF, DALE J. 2,973,383
KENNEDY, BRENDAN FRANCIS 2,973,620
KENNEDY, KELSEY MARIE 2,973,620
KENNEDY, TRAVER H. 2,970,207
KENNEDY, TRAVER H. 2,970,360
KENNEY, BENJAMIN A. 2,973,021
KENSICHER, YVES 2,969,945
KESL, SHANNON 2,973,342
KEYWOOD, CHARLOTTE 2,973,701
KHAN, ISAAC J. 2,960,649
KHANDUJA, RAKESH 2,973,356
KHANDUJA, RAKESH 2,973,357
KHOSLA, RAJITA 2,960,297
KHUONG, SOPHIA 2,973,234
KIA, AMIRALI 2,965,995
KICIAK, THOMAS 2,971,772
KIEL JENSEN, OLE 2,972,685
KIM, CHEOLJIN 2,973,334
KIM, HONG WOO 2,973,193
KIM, MUSONG 2,971,640
KIM, SANGHEE 2,972,234
KIM, SUNG WUK 2,973,193
KIM, YONG-JIN 2,970,151
KIM, YOUHAN 2,966,636
KIMBERLY-CLARK WORLDWIDE, INC. 2,973,690
KINOSE, YUTAKA 2,973,548
KINZEL, OLAF 2,971,240
KINZEL, OLAF 2,971,241
KIRGIS, ANDREAS 2,971,772
KIRGIS, ANDREAS 2,971,793
KIRKLAND, JASON 2,973,690
KIRKLEY, KEVIN 2,973,391
KIRSCHBERG, THORSTEN A. 2,971,640
KITTLE, KEVIN JEFFREY 2,972,141
KLEEMANN, ROBERT 2,962,133
KLEIN, AMOS 2,973,177
KLUEPPEL, INGO 2,973,135
KNAUF GIPS KG 2,973,132
KNEDLIK, TOMAS 2,970,913
KNOWLTON, SUSAN 2,960,594
KO, WOOSUK 2,972,953
KO, WOOSUK 2,973,073
KOCH AGRONOMIC SERVICES, LLC 2,964,960
KOENEMAN, ROBERT L. 2,970,207
KOENEMAN, ROBERT L. 2,970,360
KOGLER, MARKUS 2,972,164
KOHLIK, KAREL 2,971,146
KOLEHMAINEN, VILLE 2,972,940
KOLIDA, SOFIA 2,966,074
KONDO, SYOJI 2,973,542
KONG, LIANA 2,961,159
KONVALINKA, JAN 2,970,913
KOOK, JI AE 2,973,193
KORZHENKO, ALEXANDER 2,963,214
KOSKA, MARC ANDREW 2,971,326
KOTANI, TOHRU 2,973,330
KOTIRANTA, ROOPE 2,973,166
KOTTING, CARSTEN 2,973,508
KOUM, JAN 2,973,559
KOZASU, KENTA 2,973,548
KOZYUK, OLEG 2,970,037
KRALICKY, JOSEPH 2,973,227
KRALICKY, JOSEPH 2,973,235
KREMER, ROBERT 2,970,248
KREMOSER, CLAUS 2,971,240
KREMOSER, CLAUS 2,971,241
KROPF, JEFFREY E. 2,971,241
KULKARNI, SANDEEP D. 2,973,061
KUNZ-VEKIRU, ELISAVET 2,966,815
KUO, CHENG-CHIN 2,973,590
KUPPER, MARTIN 2,971,497
KUSTER, HARALD 2,971,527
KUSTER, HARALD 2,971,532
KVASNICA, MIROSLAV 2,972,014
KYM, EUGENE Y. 2,965,085
KYOWA HAKKO KIRIN CO., LTD. 2,973,180
LA MARZOCCO S.R.L. 2,972,566
LABLANC, ALYSSA LYNN 2,973,058
LABLANC, ALYSSA LYNN 2,973,089
LABLANC, BENJAMIN EDWARD 2,973,058
LACOTTE, CAROLINE 2,966,076
LAFAVOR, JOEL R. 2,973,194
LAMBERS, TEARTSE TIM 2,962,133
LAMBERT, CHRISTIAN M. 2,973,407
LAMMERSCHOP, OLAF 2,971,532
LANE, JOHN 2,973,377
LANE, STEPHEN 2,973,217
LANSDON, ERIC 2,972,017
LANSDON, ERIC 2,972,021
LAPINA, OLGA VIKTOROVNA 2,972,012
LARSEN, KRISTIAN 2,960,309
LATEIN, TOBIAS 2,969,859
LATHROP, STEPHEN P. 2,972,012
LATHROP, STEPHEN P. 2,972,192
LATIMER, SCOTT 2,973,121
LAUX, HOLGER 2,964,859
LAVEE LAVIAD, ELAD 2,970,216

LAW, KAMMAN 2,973,257
LAXHUBER, THOMAS CHRISTIAN 2,969,859
LAYSER, GREGORY S. 2,966,639
LE, RICHARD 2,972,029
LEBRETON, PIERRE 2,972,561
LEE, CHAE KWAN 2,964,319
LEE, DOUGLAS BERTRAM 2,973,186
LEE, HAK-JU 2,966,482
LEE, HONG BUM 2,973,193
LEE, JI SUN 2,973,193
LEE, SOON-GI 2,970,151
LEFF, JONATHAN W. 2,972,904
LEHIKOINEN, ANSSI 2,972,940
LEMKEN GMBH & CO. KG 2,972,710
LENEV, DENIS ALEKSEEVICH 2,971,694
LENEV, DENIS ALEKSEEVICH 2,971,698
LEONHARD KURZ STIFTUNG & CO. KG 2,972,950
LESSING, JOSHUA AARON 2,973,480
LEUCHTENBERG, CHRISTIAN 2,971,085
LEVENSTEIN, LAWRENCE M. 2,973,002
LEVY, NICOLAS 2,972,740
LG ELECTRONICS INC. 2,972,953
LG ELECTRONICS INC. 2,973,073
LI, BIN 2,972,929
LI, HUABING 2,973,253
LI, HUI 2,973,095
LI, HUI 2,973,098
LI, HUINA 2,971,910
LI, LEIMING 2,970,488
LI, YU-CHIN 2,973,137
LI, YUTAN 2,973,038
LI, ZHI 2,973,406
LIANG, LI-SHIANG 2,973,144
LIANG, NINGQING 2,973,393
LIFETIME BRANDS, INC. 2,973,197
LIGHTLAB IMAGING, INC. 2,970,658
LILJA, ANDERS 2,964,859
LIMGROUP B.V. 2,973,320
LIN, CHIEN-LUNG 2,973,119
LIN, DONG 2,973,250
LIN, DONG 2,973,271
LIN, ERWIN 2,973,205
LIN, HSIN-JUNG 2,973,197
LIN, RENHE 2,969,845
LIN, YIJIAN 2,969,901
LINDE AKTIENGESELLSCHAFT 2,972,124
LINDGREN, JON 2,973,166
LINDROOS, JARMO 2,971,787
LINK, JOHN O. 2,971,640
LINNEN, JEFFREY M. 2,962,956
LINTON, ANDREW 2,958,779
LINTON, ANDREW 2,958,790
LINTON, ANDREW 2,958,798
LIPSKIKH, MAXIM VLADIMIROVICH 2,971,694
LISSILAA, RAMI 2,965,745
LITTLE, CHARLES B. 2,966,602
LIU, JIA 2,973,415
LIU, JIBIN 2,973,491
LIU, JIBIN 2,973,499
LIU, JIBIN 2,973,506
LIU, JIBIN 2,973,511
LIU, JIBIN 2,973,518
LIU, QINGJIE 2,965,523
LIU, SHENGHUA 2,973,489
LIU, SHENGQIANG 2,973,405
LIU, WANLI 2,973,038
LIU, WEIGUO 2,973,202
LIU, XIN 2,973,246
LIU, XIN 2,973,408
LIU, YIMING 2,973,038
LIU, ZHENG 2,967,679
LIVA, STEPHANIE M. 2,972,904
LIVELY, GARY SHANNON 2,971,191
LIVERPOOL SCHOOL OF TROPICAL MEDICINE 2,973,383
LM WP PATENT HOLDING A/S 2,972,685
LOBJOIS, VALERIE 2,965,454
LOCKHEED MARTIN CORPORATION 2,966,284
LOEWEN, NATHAN 2,973,238
LOFTNESS, PAUL EVAN 2,973,097
LOGHIN, MUHAMMAD NABIL SVEN 2,973,181
LOGOS TECHNOLOGIES, LLC 2,973,183
LOH, JOHNATHAN 2,973,559
LOHITHARN, NATTAPORN 2,973,183
LOHMANN, CHRISTINE 2,973,040
LONGO-SCHIEDEL, DANIELA 2,971,772
LONGO-SCHIEDEL, DANIELA 2,971,793
LONGYEAR TM, INC. 2,973,407
LONZA LTD 2,972,161
LOPEZ, JOSE EDUARDO 2,972,098
LOPEZ-GONZALEZ, MONICA 2,971,325
LOTTER, MICHIEL PETRUS 2,966,626
LOTTER, MICHIEL PETRUS 2,966,763
LOWE, DAVID A. 2,973,701
LOWNDES, WILLIAM, III 2,973,391
LSP TECHNOLOGIES, INC. 2,973,382
LU, BAILU 2,971,394
LU, QIWEI 2,973,405
LUBRIZOL ADVANCED MATERIALS, INC. 2,970,220
LUI, DOROTHY 2,973,479
LUKASEWYCZ, LAURA D. 2,962,824
LUNDBLAD, CHRISTER 2,973,333
LUNDQUIST, MORTEN 2,971,787
LUO, PINGYA 2,973,253
LUTZ, JAMES D. 2,966,748
LYFORD, JEFFREY 2,972,904
LYNCH, DAVID JOHNSTON 2,973,566
MA, JI 2,967,945
MABIMMUNE DIAGNOSTICS AG 2,973,040
MACDONALD, HAMISH S. 2,972,918
MACGREGOR, ALEXANDER JOHN 2,971,085
MACKENZIE, MAX 2,966,886
MACKENZIE, SAMUEL THOMAS 2,973,012
MACKEY, MARK S. 2,962,824
MACKIE, NICOLAS DAVID 2,970,856
MACKMAN, RICHARD L. 2,972,014
MACKMAN, RICHARD L. 2,972,017
MACKMAN, RICHARD L. 2,972,021
MACOR, JOHN E. 2,965,523
MADER, SEBASTIAN 2,972,950
MAGIC LEAP, INC. 2,973,186
MAGNA INTERNATIONAL INC. 2,973,498
MAGNY, BENOIT 2,969,945
MAHONY, JAMES B. 2,973,220
MAI, CLAUDIA 2,971,532
MAICO ELEKTROAPPARATE-FABRIK GMBH 2,971,294
MAIER, MARTIN 2,967,408
MAISHAL, TARUN KUMAR 2,965,523
MAJER, PAVEL 2,970,913
MAKADIA, CHETAN M. 2,970,220
MALIK, KULDEEP SINGH 2,973,321
MALIK, RAHUL 2,966,636
MAMONOV, ANTON 2,973,138
MANAGED PRESSURE OPERATIONS PTE. LTD. 2,971,085
MANDAL, BATAKRISHNA 2,973,211
MANDELL, JEFFREY G. 2,967,351
MANETT, KRIS 2,971,537
MANITOU BF 2,970,373
MANOHARAN, MUTHIAH 2,967,408
MANSER, DAVID S. 2,972,179
MANZO, MICHAEL 2,973,595
MARAIS, SAREL JACOBUS 2,973,115
MARCIANO, EDWARD LAWRENCE 2,973,369
MARCO ENRIQUE, SANJUAN MEJIA 2,973,218
MARCUS, ELIZABETH A. 2,973,370
MARGUERRE, ANN-KATHRIN 2,972,304
MARIELLA LABELS OY 2,973,646
MARIHART, JOHANN 2,971,792
MARIN, JEAN PHILIPPE JACQUES 2,969,810
MARMOR, FREDERICK 2,973,662
MARON, ROBERT J. 2,973,504
MARON, ROBERT J. 2,973,598
MARQUEZ, LUIS MIGUEL 2,972,904
MARS, INCORPORATED 2,962,824
MARS, INCORPORATED 2,966,544
MARSH, KENNAN C. 2,973,383
MARSHALL, MICHAEL 2,973,010
MARTHELY, SERGE ALEXANDRE 2,973,175
MARTIN, MARC CLAUDE 2,971,772
MARTIN, MARC CLAUDE 2,971,793
MARTINEZ, STEPHANE 2,973,209
MARUO, JUNPEI 2,972,949
MARVASTY, IDEAN B. 2,973,116
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,971,353
MASTERS, JAMES 2,971,708
MASTERS, NEIL ANTONY 2,971,665
MASTERS, NEIL ANTONY 2,971,669
MASTERS, NEIL ANTONY 2,971,679
MASTIN, JOHANN 2,973,558
MATSUDA, TAKURO 2,973,110
MATSUO, TOSHIHIKO 2,973,673
MATSUZAWA, KATSUYASU 2,973,461
MATTA, JOHN J. 2,969,758

MAURER, ROBERT STEPHEN, JR. 2,967,979
MAURI TECHNOLOGY B.V. 2,973,198
MAURISCHAT, WOLFGANG 2,972,667
MAWJI, NASRIN R. 2,973,036
MAXE, JAN-OLOF 2,973,426
MAY, GARY 2,973,382
MCCABE, JACQUELYN 2,963,143
MCCANDLESS, JAMES 2,966,889
MCDANIEL, CATO R. 2,973,061
MCDANIEL, CATO RUSSELL 2,973,069
MCDANIEL, CATO RUSSELL 2,973,465
MCDANIEL, ROBERT 2,973,137
MCGUINNESS, BRIAN 2,963,752
MCGURK, MICHAEL 2,972,023
MCKEE, COLIN MARTIN 2,965,891
MCLAUGHLIN, ROBERT AINSLEY 2,973,620
MCMAHON, JENNIFER ANNE 2,972,098
MCMASTER UNIVERSITY 2,973,220
MCNAMARA, GINA L. 2,973,399
MEANWELL, NICHOLAS A. 2,967,601
MEANWELL, NICHOLAS A. 2,967,679
MEANWELL, NICHOLAS A. 2,967,684
MEDASENSE BIOMETRICS LTD. 2,973,458
MEDICAL RESEARCH COUNCIL 2,965,085
MEDINA, JUAN F. 2,973,504
MEDINA, JUAN F. 2,973,598
MEDIVATORS INC. 2,969,758
MEGADYNE MEDICAL PRODUCTS, INC. 2,973,568
MELAPUDI, VIKRAM 2,966,869
MEMMINGER, OLIVER 2,972,539
MENTA 2,973,175
MENTA 2,973,530
MERCK SHARP & DOHME CORP. 2,973,202
MERCURI, JOSEPH 2,973,504
MERCURI, JOSEPH 2,973,598
MERIT MEDICAL SYSTEMS, INC. 2,956,128
MERKEL, PETER 2,971,772
MERTOGLU, MURAT 2,972,304
MERTZ, ERIC 2,973,202
MEYLAN, ARNAUD 2,966,636
MIALON, LAURENT 2,971,664
MICHAEL, LACHLAN BRUCE 2,973,181
MICHAUD, GEORGE 2,971,085
MICROSOFT TECHNOLOGY LICENSING, LLC 2,970,733
MIDEA GROUP CO., LTD. 2,968,725
MILLET, YVES ALAIN 2,972,904
MILSTEIN, STUART 2,967,408
MILTIMORE, MIKE 2,973,444
MILWAIN, ROBERT 2,973,482
MIRAKI, MANOUCHEHR 2,971,839
MIRCESCU, DANIEL-ALEXANDRU 2,966,613
MIRON, MONICA-MARIA 2,966,613
MITRAL VALVE TECHNOLOGIES SARL 2,959,538
MITRASSIST MEDICAL LTD. 2,967,239
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,973,667
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,973,331
MITSUBISHI MATERIALS CORPORATION 2,973,673
MITSUI AGRISCIENCE INTERNATIONAL S.A./N.V. 2,971,795
MITSUI, HIROYUKI 2,973,460
MITTERBAUER, RUDOLF 2,966,815
MIYABE, SHINSUKE 2,973,548
MIYAJIMA, YUTAKA 2,973,667
MIYAMOTO, EIJI 2,973,331
MIYAWAKI, SHOICHI 2,973,189
MIZOGUCHI, TOSHIAKI 2,973,075
MJN U.S. HOLDINGS LLC 2,962,133
MJN U.S. HOLDINGS LLC 2,962,136
MOEDE, WARREN 2,973,690
MOEN, ROAR JOHAN 2,971,771
MOGLER, ISAAC 2,973,347
MOGLER, ISAAC 2,973,349
MOHAMED, HASSAN 2,966,889
MOISE, MATTEO 2,971,671
MOLL, JOSEPH THOMAS 2,973,206
MOLL, WULF-DIETER 2,966,815
MOLLER ANDERSEN, KNUD 2,972,685
MOLONEY, MICHAEL JOHN 2,971,394
MONAHAN, ROBIN F. 2,972,984
MONASTIRIOTIS, SPYRIDON 2,973,137
MONINGKA, REMOND 2,973,202
MONIS, ERNESTO HUESO 2,973,257
MONRO, TANYA 2,973,477
MONTAG INVESTMENTS, LLC 2,973,347
MONTAG INVESTMENTS, LLC 2,973,349
MONTAG, ROGER A. 2,973,347
MONTAG, ROGER A. 2,973,349
MORGAN STANLEY 2,973,237
MORIN, RUSSELL WALTER 2,970,468
MORINO, ALESSIO 2,971,772
MORINO, ALESSIO 2,971,793
MORTENSEN, MICHAEL WRANG 2,960,309
MORTIMORE, HAILEY M. 2,973,090
MOSADEGH, BOBAK 2,973,480
MOTEKI, KATSUYA 2,973,535
MU, WENHENG 2,973,491
MU, WENHENG 2,973,499
MU, WENHENG 2,973,506
MU, WENHENG 2,973,511
MU, WENHENG 2,973,518
MUELLER INTERNATIONAL, LLC. 2,973,215
MUHLHAUSSER, JURGEN 2,971,804
MULIN, HUBERT 2,970,247
MUNAFO, JOHN P. 2,962,824
MUNRO, ALEXANDER 2,972,977
MUNZENBERGER, HERBERT 2,972,164
MURAKAMI, TOSHIHIKO 2,973,071
MURCIA, MICHAEL J. 2,973,095
MURCIA, MICHAEL J. 2,973,098
MUSCOLO, MARCO 2,971,671
MYLAN INC. 2,971,386
MYNHIER, MARK 2,973,478
NABERS, ANDREAS 2,973,508
NAERUM, LARS 2,971,515
NAERUM, LARS 2,972,659
NAGAI, SHINJI 2,973,075
NAIR, SATHEESH KESAVAN 2,965,523
NAKAI, OSAMU 2,973,460
NAKAJIMA, KEIICHI 2,973,057
NAKAMURA, GERALD R. 2,960,297
NAKAMURA, HIDEHIRO 2,973,462
NAKAYAMA, MAKOTO 2,973,180
NAOR, GIL 2,967,239
NARITA, MUNETO 2,972,866
NASSIF, RABIH 2,973,192
NATIONAL HEALTH RESEARCH INSTITUTES 2,973,590
NATIONAL OILWELL VARCO NORWAY AS 2,971,126
NATUREDYNE INC. 2,973,057
NAVARRO, CLAIRE 2,972,740
NAVRATIL, VACLAV 2,970,913
NCHEKWUBE, EMEKA J. 2,973,664
NEBOSKY, PAUL S. 2,961,929
NEELAMKAVIL, SANTHOSH F. 2,973,202
NEIDERMYER, RICHARD M. 2,973,566
NESTEC S.A. 2,971,298
NESTEC S.A. 2,971,309
NESTEC S.A. 2,971,313
NESTEC S.A. 2,971,810
NETA, HAGIT 2,970,216
NETA, YIFTAH 2,967,239
NEURIMMUNE HOLDING AG 2,973,040
NEURO-BIO LTD 2,969,990
NEUROTRIX LLC 2,973,657
NEWTON, DAVID V. 2,973,598
NEXTIVITY, INC. 2,966,626
NEXTIVITY, INC. 2,966,763
NGUYEN, THI HANG NGA 2,971,690
NGUYEN, TUAN 2,969,758
NICOLAY, RENAUD 2,971,690
NIIZUMI, DAISUKE 2,973,550
NILSSON, HUGO 2,973,669
NIPPON CHEMICAL INDUSTRIAL CO., LTD. 2,973,548
NIPPON PAPER INDUSTRIES CO., LTD. 2,973,189
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,973,071
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,973,075
NISHIDA, KOHJI 2,973,187
NISPEL, MICHAEL 2,972,936
NISSAN MOTOR CO., LTD. 2,973,110
NISSAN MOTOR CO., LTD. 2,973,111
NISSAN MOTOR CO., LTD. 2,973,113
NISSAN MOTOR CO., LTD. 2,973,535
NISSEN, POVL 2,971,515
NISSEN, POVL 2,972,659
NISSHIN STEEL CO.,LTD. 2,973,461
NISSINEN, ANTTI 2,972,940
NITSCH, ROGER 2,973,040
NOBILE, CLARISSA J. 2,973,255
NOK CORPORATION 2,973,179
NOLDIN, JOSE 2,972,936

NORCOTT, ALISON RUTH 2,973,257
NORDEN, MARTIN 2,973,135
NORDIC MINING ASA 2,973,558
NORDIN, ANDERS 2,973,188
NORIEGA ESCOBAR, MARIA DEL PILAR 2,973,218
NORLUND, MARINE 2,965,454
NORNER VERDANDI AS 2,971,787
NORSIC, SEBASTIEN 2,969,808
NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NTNU) 2,970,846
NOTTE, GREGORY 2,972,012
NOTTE, GREGORY 2,972,192
NOVAC, ALEXANDRU 2,966,613
NOVARTIS AG 2,960,865
NOVARTIS AG 2,961,435
NOVARTIS AG 2,966,639
NOVARTIS AG 2,967,979
NOVARTIS AG 2,973,148
NUNGESTER, GREGORY RONALD 2,973,206
NURUKI, YUTAKA 2,973,189
NYLOK LLC 2,972,984
O'HARA, STEPHEN PATRICK 2,966,074
O'HARA, STEPHEN PATRICK 2,966,080
O'KEEFE, CHRISTIAN V. 2,973,598
O'LOUGHLIN, MARK E. 2,973,382
OBERKIRCHER, BRENDAN J. 2,960,649
ODA, YOSHIHIKO 2,973,670
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,971,754
OHIO STATE INNOVATION FOUNDATION 2,973,698
OHIOKPEHAI, AMBER 2,961,159
OIKAWA, RYO 2,973,330
OLLESCH, JULIAN 2,973,508
OLLIER, ROMAIN 2,965,745
OLOFSSON, INGEMAR 2,973,188
OMANN, MARKUS 2,971,792
OMYA INTERNATIONAL AG 2,971,958
ONCOSEC MEDICAL INCORPORATED 2,973,390
ONO PHARMACEUTICAL CO., LTD. 2,973,330
ONO, HIROAKI 2,973,324
OPENHYDRO IP LIMITED 2,972,131
OPENHYDRO IP LIMITED 2,972,133
OPENTV, INC. 2,966,586
OPTIBIOTIX LIMITED 2,966,074
OPTIBIOTIX LIMITED 2,966,080
OPTIMEDICA CORPORATION 2,964,798
ORANGE, GILLES 2,971,916
ORANGE, GILLES 2,971,945
ORFIELD, NOLAN 2,973,229
ORR, JIM 2,973,145
ORTHOBOND, INC. 2,973,334
OSAKA UNIVERSITY 2,973,187
OSBURN, WILLIAM O. 2,967,008
OSOTHPRAROP, TRINA FAYE 2,965,995
OSTRANDER, KEVIN 2,971,386
OSU CORPORATION 2,972,949
OUTOKUMPU OYJ 2,973,426
OVD KINEGRAM AG 2,972,950
OWEN, GARY V. 2,973,358
PADINA, MIRELA-LUIZA 2,966,613
PAHWA, DEEPAK 2,973,321
PAL, SUMON K. 2,973,090
PALLARI, JARI 2,967,547
PALMER, JASON 2,973,068
PANTHER, ALEXANDER GYLES 2,973,131
PANTHER, ALEXANDER GYLES 2,973,479
PARMAR, NILESH DHIRAJLAL 2,973,322
PARTIALA, KIRSI 2,973,166
PATHAK, DHIRAJ 2,973,478
PATIL, ABHISHEK PRAMOD 2,966,770
PAULESSEN, GEORG 2,972,710
PAVAN, SILVIA 2,965,754
PAWELL, RYAN 2,973,117
PAWELZIK, OLE 2,971,294
PEACOCKS ORTHOTICS LIMITED 2,967,547
PEARCE, CODY A. 2,973,407
PECOFACET (US), INC. 2,963,429
PEDICINI, CHRISTOPHER 2,973,373
PEIRSMAN, DANIEL 2,973,675
PELLAUD, JEROME 2,973,675
PELLEY, KENNETH A. 2,967,588
PENDERGAST, JOSEPH 2,973,237
PEPPER, CHRISTOPHER 2,969,990
PERKIN, KRISTOPHER K. 2,972,179
PERKINS, ANDREW 2,973,700
PERRIN, ERIC 2,972,936
PERRIN, SOPHIE 2,972,740
PETERSON, MATTHEW A. 2,958,078
PHAM, MINH QUAN 2,973,363
PHAM, MINH QUAN 2,973,385
PHAM, MINH QUAN 2,973,398
PHAM, MINH QUAN 2,973,400
PHAM, MINH QUAN 2,973,402
PHASEY, DAVID 2,973,305
PHILIPPOTEAU, VINCENT 2,972,321
PHILLIPS, GARY 2,971,640
PHILLIPS, JOE D. 2,959,349
PIERCE, ROBERT H. 2,973,390
PIITULAINEN, TIMO 2,973,426
PILE-SPELLMAN, JOHN 2,973,205
PIRON, CAMERON ANTHONY 2,973,128
PIRON, CAMERON ANTHONY 2,973,131
PISAL, SAMBHAJI SHANKAR 2,963,897
PISEGNA, JOSEPH R. 2,973,370
PLOURDE, SEBASTIEN 2,973,706
PLUSE, CHRIS 2,967,547
PLUSQUELLIC, JAMES 2,971,212
PODOLSKY, DALE J. 2,973,242
POLARIS INDUSTRIES INC. 2,973,358
POOLE, JAMES R. 2,973,687
POPOVICH, STEVEN 2,973,142
POPPEK, MICHAEL W. 2,966,284
PORK CRC LTD 2,973,626
PORRO, MASSIMO 2,954,087
POSCO 2,970,151
POW, ANDREW 2,973,317
POWER BOX AG 2,958,779
POWER BOX AG 2,958,790
POWER BOX AG 2,958,798
PRC-DESOTO INTERNATIONAL, INC. 2,969,845
PREBET, CHRISTIANE 2,971,916
PREFERRED TECHNOLOGY, LLC 2,973,137
PREISNER, PETER 2,966,889
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,363
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,378
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,385
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,398
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,400
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,402
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,973,480
PRESTO ABSORBENT PRODUCTS, INC. 2,973,387
PRICE, DANIEL W. 2,960,649
PRICEWATERHOUSECOOPERS LLP 2,973,478
PRIDE MANUFACTURING COMPANY, LLC 2,973,621
PROCAPS SAS 2,973,218
PROFACA, MARK SILVIO 2,973,257
PROGELIFE 2,972,740
PRONIUK, STEFAN 2,973,698
PROTALIX LTD. 2,970,216
PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING" 2,971,693
PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING" 2,971,694
PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING" 2,971,698
PULMOCIDE LIMITED 2,963,625
PURAC BIOCHEM BV 2,971,311
PY, DANIEL 2,973,083
QIAN, WEIZHU 2,973,163
QIAN, WEIZHU 2,973,265
QIU, BU 2,973,406
QIU, BU 2,973,608
QUALCOMM INCORPORATED 2,966,636
QUALCOMM INCORPORATED 2,966,770
QUALCOMM INCORPORATED 2,971,594
QUALITY HEALTH IDEAS, INC. 2,973,093
QUENTIN, PIERRE 2,971,635
QUENTIN, PIERRE 2,971,647
QUENTIN, PIERRE 2,971,670
QUINTERI, CHRISTIAN 2,971,521
R.P. SCHERER TECHNOLOGIES, LLC 2,973,343
RABUKA, DAVID 2,973,343
RACHELI, NOAM 2,973,458

RADEMACHER, JUDE THOMAS 2,971,664
RAINWATER, JEFF 2,973,693
RAISSINIA, ALIREZA 2,966,770
RAJEEV, KALLANTHOTTATHIL G. 2,967,408
RAKOTONDRAINIBE, ANDRE 2,972,321
RAMEZANIFARD, MOHAMMADREZA 2,960,649
RAMSDELL, MATTHEW 2,973,371
RANDSTROM, SARA 2,973,426
RAOUCHE, SANA 2,962,374
RAPEPORT, GARTH 2,963,625
RAPPLEYE, CHAD 2,973,698
RASKE, BRENT D. 2,973,358
RASMUSSEN MARITIME DESIGN AS 2,971,771
RATSEP, RALPH 2,973,482
RAVARI, SHAHRIAR 2,973,068
RAVI, KRISHNA M. 2,973,695
RAY, STUART C. 2,967,008
REBISCAN, INC. 2,971,330
RECOMBINETICS, INC. 2,967,027
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,971,804
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,973,136
REFRATECHNIK HOLDING GMBH 2,971,765
REFRATECHNIK HOLDING GMBH 2,971,767
REGUEIRO-REN, ALICIA 2,967,601
REGUEIRO-REN, ALICIA 2,967,679
REGUEIRO-REN, ALICIA 2,967,684
REID, BYRON 2,973,371
REILLY, DOROTHEA 2,966,558
REILLY, DOROTHEA 2,966,573
REN, JIANFENG 2,971,594
RENGGLI, RAPHAEL 2,973,136
REYES, ENRIQUE ANTONIO 2,973,058
REYES, ENRIQUE ANTONIO 2,973,089
REYNOLDS, TROY EVAN 2,972,192
RHODIA OPERATIONS 2,971,525
RHODIA OPERATIONS 2,971,916
RHODIA OPERATIONS 2,971,945
RICCARDI, PAOLO 2,973,320
RICHARDS, BILLY DONALD ORAC 2,962,339
RICHARDS, SIMON 2,973,141
RICHARDS, SIMON JAMES 2,972,098
RIIKONEN, VILLE 2,964,049
RINALDI, GIANLUCA 2,972,340
RITZ, DEBORAH 2,973,497
RITZ, GAVIN 2,973,497
RIVA, CHRISTIAN 2,971,790
RIVA, CHRISTIAN 2,971,799
ROBERSON, MARK 2,973,439
ROBERSON, MARK W. 2,973,211
ROBERSON, MARK W. 2,973,695
ROBERT BOSCH GMBH 2,972,667
ROBERT, RENE 2,973,235
ROBERTS, JOSEPH 2,963,979
ROBIE, STEVEN C. 2,973,194
ROBOTICS CARE AB 2,972,541
ROCKS, SARA (SALLY) 2,973,403
ROCKTAPE, INC. 2,973,527
ROCKWOOL INTERNATIONAL A/S 2,971,515
ROCKWOOL INTERNATIONAL A/S 2,972,659
ROCSOLE LTD 2,972,940
RODNEY, PAUL F. 2,973,211
ROMANOS, MIKE 2,963,752
ROMMELAERE, JEAN 2,971,808
ROSENE, LORA 2,963,979
ROSENE, RICHARD 2,963,979
ROSTI, JANNE 2,964,049
ROTHMAN, PAUL J. 2,973,598
ROUCHES, ELSA 2,962,374
ROUGE, LAURENT 2,973,175
ROUGE, LAURENT 2,973,530
RUCKDAESCHEL, HOLGER 2,971,772
RUCKDAESCHEL, HOLGER 2,971,793
RUDER, JOERG H. M. 2,972,140
RUDERFER, ILYA 2,970,216
RUDLINGER, MIKAEL 2,972,137
RUHR-UNIVERSITAT BOCHUM 2,973,508
RUPP, MICHAEL D. 2,973,407
RUPRECHT-KARLS-UNIVERSITAT 2,971,808
RUSU, ANDREI 2,966,723
RUSU, ANDREI 2,966,725
RV LIZENZ AG 2,972,137
RYAN, JOHN 2,962,548
RYAN, PHILIP MICHAEL 2,972,143
RYBERG, THOMAS 2,972,541
S.A. LHOIST RECHERCHE ET DEVELOPPEMENT 2,972,934
S.A. LHOIST RECHERCHE ET DEVELOPPEMENT 2,972,936
SABALE, RAJENDRA NARAYAN 2,963,897
SACHA, PAVEL 2,970,913
SACHDEV, RAJAN 2,973,321
SACHEM, INC. 2,966,602
SACHS, GEORGE 2,973,370
SADAR, MARIANNE DOROTHY 2,973,036
SADOVSKY LTD. 2,969,508
SADOVSKY, SHMUEL 2,969,508
SADOWSKI, CRAIG 2,972,904
SADRI, PASHI 2,973,559
SAFRAN AIRCRAFT ENGINES 2,970,092
SAFRAN HELICOPTER ENGINES 2,969,810
SAFRAN HELICOPTER ENGINES 2,970,365
SAHA, BIDYUT BARAN 2,973,321
SAKAI, DAISUKE 2,973,075
SAKAMOTO, TAKESHI 2,973,548
SAKURADA, YASUHIRO 2,973,461
SAKURAI, HIDEAKI 2,973,075
SAKURAZAWA, CHIHIRO 2,973,673
SALOMON, ELI 2,973,097
SALSEDO, LUC 2,965,893
SAMAYOA, PHILLIP 2,972,904
SAMBUSSETI, ANTONIO 2,962,028
SAMPATH, BANGARU DHARMAPURI SRIRAMULU 2,971,772
SAMPATH, BANGARU DHARMAPURI SRIRAMULU 2,971,793
SAMPSON, DAVID DOUGLAS 2,973,620
SAMSUNG ELECTRONICS CO., LTD. 2,966,482
SANCHEZ VEGA, JOSE LUIS 2,962,170
SANDSTROM, ERIK 2,973,188
SANDVIK INTELLECTUAL PROPERTY AB 2,971,497
SARIKAYA, RUHI 2,970,733
SARMA, KESHAB 2,972,192
SATAKE, SHUICHI 2,973,076
SATO, YASUNARI 2,973,537
SATOU, KIYOSHI 2,973,548
SAUNDERS, KIRK L. 2,972,918
SAVENKOVA, ANNA 2,973,063
SAVIAN, SCOTT 2,973,070
SAVOIE, PATRICK 2,973,234
SAVOX COMMUNICATIONS OY AB (LTD) 2,964,049
SAXONOV, SERGE 2,964,472
SCA HYGIENE PRODUCTS AB 2,973,669
SCHACHER, DAMIAN 2,973,136
SCHAENZER, MEGAN 2,973,363
SCHAENZER, MEGAN 2,973,378
SCHAENZER, MEGAN 2,973,398
SCHAENZER, MEGAN 2,973,400
SCHAENZER, MEGAN 2,973,402
SCHARTNER, JONAS 2,973,508
SCHEMMEL, THOMAS 2,971,765
SCHEMMEL, THOMAS 2,971,767
SCHIFFERER, KLAUS 2,972,539
SCHIMER, JIRI 2,970,913
SCHMEITZL, CLEMENS 2,966,815
SCHMID, ERIC 2,959,855
SCHMID, ERIC 2,973,190
SCHMIDT, DAVID 2,973,561
SCHMIDT, MICHAEL MARCH 2,965,689
SCHMIED, WOLFGANG H. 2,965,085
SCHMITT, AARON C. 2,971,240
SCHMITT, AARON C. 2,971,241
SCHNALL-LEVIN, MICHAEL 2,964,472
SCHNIER, BENEDIKT 2,972,550
SCHOEMAKER, MARIEKE H. 2,962,133
SCHONFELD, RAINER 2,971,527
SCHONFELD, RAINER 2,971,532
SCHROEDER, DENNIS 2,959,855
SCHROEDER, DENNIS 2,973,190
SCHROEDER, DENNIS 2,973,191
SCHROEDER, SCOTT D. 2,971,640
SCHULZ, TOM 2,973,690
SCHWAB, CHRISTIAN 2,970,332
SCHWARTZ, JOE L. 2,973,095
SCHWARTZ, JOE L. 2,973,098
SCLABOS KATEVAS, DIMITRI 2,967,772
SCORRANO, LUCIO 2,971,298

SCORRANO, LUCIO 2,971,313
SCOTT, DAVID D. 2,964,798
SCOTT, DAVID R. 2,973,370
SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO SANT'ANNA 2,971,671
SEAWARD, DAVID ROBERT 2,973,305
SEBHATU, TEKLEMICHAEL 2,970,202
SEDLAK, FRANTISEK 2,970,913
SEIKAGAKU CORPORATION 2,972,866
SEKAB E-TECHNOLOGY AB 2,973,182
SELA, GAL 2,973,479
SENDA, KUNIHIRO 2,973,670
SEPP-LORENZINO, LAURA 2,967,408
SERUM INSTITUTE OF INDIA PRIVATE LIMITED 2,963,897
SESHASAYEE, DHAYA 2,960,297
SESSA, EUGENE D. 2,972,984
SHAALTIEL, YOSEPH 2,970,216
SHAH, HARDIK KIRTIKUMAR 2,972,179
SHAH, VIMAL V. 2,973,211
SHAKA, JUSTIN 2,971,330
SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD. 2,973,163
SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD. 2,973,265
SHANIAN, ALI 2,973,363
SHANIAN, ALI 2,973,378
SHANIAN, ALI 2,973,398
SHANIAN, ALI 2,973,400
SHANIAN, ALI 2,973,402
SHARMA, PRAFULL 2,966,869
SHARP KABUSHIKI KAISHA 2,973,328
SHARP KABUSHIKI KAISHA 2,973,464
SHARP, GARY NED 2,970,755
SHAW, GAIL 2,970,963
SHEEHAN, CHRISSY 2,973,690
SHEILA-VADDE, APARNA CHAKRAPANI 2,966,869
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,971,646
SHEN, DONG 2,970,488
SHEN, HUI 2,972,929
SHEN, JING 2,973,495
SHENOI, RAMESH BALKUNGE 2,973,263
SHENZHEN EAGLESOUL TECHNOLOGY CO., LTD. 2,973,405
SHENZHEN EAGLESOUL TECHNOLOGY CO., LTD. 2,973,415
SHETH, MANSI 2,971,431
SHEVCHENKO, YANINA 2,973,480
SHIBAYAMA, KEISUKE 2,973,460
SHIMAMURA, JUN 2,973,331
SHINKO, ANDREW P. 2,973,580
SHINOHARA, YUJI 2,973,181
SHIPP, PETER W. JR. 2,973,690
SHIRAI, SHO 2,973,460
SHIRASAKA, TOSHIAKI 2,973,462
SHOEMAKER, JULIE L. 2,973,580
SHORE, COLIN ARTHUR 2,973,021
SHOWELL, MICHAEL S. 2,963,979
SHULMAN, AVIDOR 2,970,216
SHUMWAY, WILLIAM WALTER 2,973,501
SHUTTLEWORTH, LEE P. 2,973,621
SI CHUAN UNIVERSITY 2,973,247
SIBBETT, WILSON 2,962,339
SICHUAN GUANGYA POLYMER CHEMICAL CO., LTD. 2,973,253
SIEMENS AKTIENGESELLSCHAFT 2,972,539
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,973,600
SIGOILLOT, JEAN-CLAUDE 2,962,374
SILER, DAVID ALLEN 2,972,192
SILVA BLANCO, CLAUDIA ANDREA 2,973,218
SILVA, RHONDA S. 2,973,090
SIMMONS, LAURA C. 2,966,573
SIMON, PATRICE 2,971,664
SIMON, PETR 2,972,021
SIMONELIG, MARTINE 2,972,740
SIN, NY 2,967,684
SISPIA 2,971,256
SIT, SING-YUEN 2,967,601
SIT, SING-YUEN 2,967,684
SJOSTROM, MARTIN 2,973,188
SKEGRO, DARKO 2,965,745
SKOGMAN, FREDRIK 2,972,140
SLIGER, MATTHEW 2,973,215
SLJIVAR, SLAVEN 2,973,068
SMARTDRIVE SYSTEMS, INC. 2,973,068
SMED-TA/TD, LLC 2,961,929
SMITH & NEPHEW PLC 2,971,790
SMITH & NEPHEW PLC 2,971,799
SMITH, BRET W. 2,973,105
SMITH-ROBERGE, EVELYNE 2,973,398
SMOLENSKAYA, VALERIYA N. 2,972,012
SNOW, ROBERT 2,965,478
SO, SUNG-SAU 2,973,202
SOBEL, ROBERT M. 2,973,586
SOFFER, LEAH R. 2,960,649
SOKHANVAR, SAEED 2,960,649
SOKOL, DAVID 2,973,382
SOKOLOV, RICHARD 2,973,257
SONY CORPORATION 2,973,181
SONY CORPORATION 2,973,324
SOUND DEVICES, LLC 2,973,142
SPANKE, MATTHIAS 2,972,325
SPECIALITES PET FOOD 2,966,076
SPEER, IAN 2,973,224
SPENCE, PATRICK 2,973,257
SPENCE, PAUL A. 2,959,538
SPINAL STABILIZATION TECHNOLOGIES LLC 2,966,748
SPOHN, MICHAEL A. 2,973,257
SPRINGER, JOHN ROBERT 2,973,597
SQUIRES, NEIL H. 2,971,640
SRINIVASA, ARUN R. 2,967,945
ST. PETER, GLENN R. 2,973,586
STACE, CATHERINE LUCY 2,965,754
STADLER, DANIEL 2,972,304
STAIR, TODD ANTHONY 2,973,560
STALCUP, GREGORY C. 2,961,929
STAN, COSMIN-CLAUDIU 2,966,613
STAN, COSMIN-CLAUDIU 2,966,723
STAN, COSMIN-CLAUDIU 2,966,725
STARBUCKS CORPORATION 2,973,244
STARK, WALTER J. 2,972,075
STATOIL GULF SERVICES LLC 2,971,910
STATOIL GULF SERVICES LLC 2,971,932
STC.UNM 2,971,212
STEEMERS, FRANK J. 2,965,995
STEGMANN, THOMAS 2,973,096
STEIN, ROBERT 2,971,772
STEIN, ROBERT 2,971,793
STEIN, SEBASTIAN 2,971,754
STEIN, VOLKER 2,971,765
STEIN, VOLKER 2,971,767
STELA LAXHUBER GMBH 2,969,859
STEPHENS, ALISON FIONA 2,971,394
STEVENS, KIRK L. 2,971,640
STOCKLEIN, PETRA 2,973,132
STONE, CHRISTOPHER B. 2,973,220
STONE, JACK D. JR 2,973,693
STONE, MATTHEW T. 2,966,515
STONITSCH, LAWRENCE 2,973,084
STORA ENSO OYJ 2,973,438
STOREY, ROGER D. 2,973,661
STRADA DESIGN LIMITED 2,973,224
STRAND, THOR 2,971,126
STRANDBERG, MARTIN 2,973,188
STRANGE, WARREN 2,973,224
STROHALM, JIRI 2,970,913
STRONG, PETER 2,963,625
STUPAR, JEFFREY M. 2,972,984
SU, CHIN-PING 2,973,586
SUAU, JEAN-MARC 2,969,945
SUBR, VLADIMIR 2,970,913
SUGIHARA, KAORI 2,973,548
SUH, IN-SHIK 2,970,151
SUIKEN CO., LTD. 2,973,537
SULLIVAN, PATRICK 2,971,191
SULTAN, BERNT-AKE 2,972,140
SUMITOMO METAL MINING CO., LTD. 2,973,460
SUN, HONG 2,970,488
SUN, WANYING 2,973,202
SUNDARAMOORTHY, SARAVANAN 2,971,085
SUNDARARAJAN, JAY KUMAR 2,966,636
SUNDHOLM, GORAN 2,973,646
SUNGAIL, CRAIG MICHAEL 2,960,780
SUNOSE, MIHIRO 2,963,625
SURMA OY 2,973,166
SUSTAINABLE INNOVATIONS, LLC 2,970,240
SUTTON, ALLEN 2,964,960
SUZUKI, YASUHIRO 2,973,111
SUZUKI, YASUHIRO 2,973,113
SWANTNER, MICHAEL 2,973,257
SWIDORSKI, JACOB 2,967,601

SWIDORSKI, JACOB 2,967,679
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,973,128
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,973,131
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,973,479
SYNTIVIA 2,965,454
TAKAGI, SAYAKA 2,973,180
TAKAHASHI, NOBUAKI 2,973,180
TAKANO, HIROTSUGU 2,973,330
TAKATA, RYOUSUKE 2,973,075
TAKAYA, SHIN 2,973,071
TANABE, TAKASHI 2,973,535
TANI, KOUSUKE 2,973,330
TAYI, ALOK SURYAVAMSEE 2,973,480
TAYLOR, ANTHONY J. 2,973,580
TAYLOR, JAMES G. 2,971,640
TAYLOR, MARK JOHN 2,973,383
TAYLOR, MICHAEL JAMES 2,973,385
TAYLOR, MICHAEL JAMES 2,973,400
TCHAMKERTEN, ASLAN 2,971,353
TECHNICAL CONSUMER PRODUCTS, INC. 2,968,591
TEIXEIRA, ANIBAL B. 2,971,126
TEKNOR APEX COMPANY 2,973,035
TELEPCIAK, JACOB 2,973,144
TENG, YUMIN 2,963,752
TERBORG-DEL ROSAL, HEINRICH FIDENCIO 2,971,325
TERNISIEN, THOMAS 2,971,525
TERRENOIRE, ALEXANDRE 2,971,772
TERRENOIRE, ALEXANDRE 2,971,793
TEUFEL, DANIEL PAUL 2,965,754
TEUSCHER, SCOTT 2,973,364
TEUSCHER, SCOTT 2,973,369
TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC. 2,963,143
THALES 2,971,256
THAROS LTD. 2,967,772
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,972,910
THE DIARY CORPORATION 2,972,918
THE FIX, LLC 2,973,217
THE GILLETTE COMPANY LLC 2,971,394
THE HOSPITAL FOR SICK CHILDREN 2,973,242
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